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CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF THE
COLLEGE OF LETTERS AND SCIENCE
OF THE
SAINT LAWRENCE UNIVERSITY
CANTON, NEW YORK



1895-96

CANTON, NEW YORK
PUBLISHED BY THE UNIVERSITY
1896

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GENERAL CALENDAR.

1895.

- Sept. 16, Monday, Second Entrance Examinations.
 Sept. 17, Tuesday, First Term began.
 Nov. 28, Thursday, Thanksgiving Recess began.
 Dec. 2, Monday, Work resumed.
 Dec. 21, Saturday, Christmas Recess began.

1896.

- Jan. 6, Monday, Christmas Recess ends.
 Feb. 8, Saturday, First Term closes.
 Feb. 10, Monday, Second Term begins.
 Apr. 1, Wednesday, Easter Recess begins.
 Apr. 7, Tuesday, Easter Recess ends.
 Apr. 24, Friday, Tree Holiday.
 May 29, Friday, Field Day.
 May 30, Saturday, Senior Vacation begins.
 June 19, Friday, 9 a. m., First Entrance Examinations.
 June 20, Saturday, 9 a. m., Entrance Examinations continued.
 June 21, Sunday, Baccalaureate Sermon.
 June 22, Monday, 4 p. m., Meeting of Alumni Association.
 June 23, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
 June 24, Wednesday, 9 a. m., Thirtieth Commencement.
 June 24, Wednesday, 2 p. m., Commencement Dinner.
 June 24, Wednesday, 8 p. m., Reception--Alumni Association.

Summer Vacation, twelve weeks.

- Sept. 18, Friday, 9 a. m., Second Entrance Examinations.
 Sept. 19, Saturday, 9 a. m., Second Entrance Examinations continued.
 Sept. 21, Monday, 9 a. m., Matriculation of Freshmen.
 Sept. 22, Tuesday, First Term begins.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, it embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two schools are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the schools. The by-laws of the corporation provide "that the College of Letters and Science is and shall remain an unsectarian foundation * * * and that the Theological School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1869, on the election of President Fisk, the preparatory school was discontinued.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$440,000, of which \$320,000 are endowment funds, has been the result of private benefactions.

CORPORATION.

OFFICERS.

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President.

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Secretary.

GEORGE ROBINSON, Esq., Canton,
Treasurer.

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GEORGE ROBINSON, Esq., Canton.

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Rev. ISAAC MORGAN ATWOOD, D.D., Canton.

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HON. CHARLES RUFUS SKINNER, LL.D., Albany.

FOSTER L. BACKUS, M.A., LL.B., Brooklyn.

LEDYARD PARK HALE, M.S., LL.B., Canton.

HON. JOHN CARD GRAVES, M.A., Buffalo.

Rev. ALPHEUS BAKER HERVEY, Ph.D., Brooklyn.

HON. HALBERT STEVENS GREENLEAF, Rochester.

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Rev. DANIEL BALLOU, Utica.

FRANK NASH CLEAVELAND, M.A., Canton.

ALBERTUS ALONZO SMITH, M. A., Ogdensburg.

CHARLES N. HEMIUP, M.A., Geneva.

Rev. ORA MCFARLAND HILTON, Auburn.

GEORGE SHELDON CONKEY, M.A., Canton.

FREDERICK BASSETT DEVENDORF, Watertown.

EXECUTIVE COMMITTEE.

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I. M. ATWOOD.

GEO. ROBINSON.

L. P. HALE.

V. P. ABBOTT.

F. N. CLEAVELAND.

FACULTY.

President, and Cummings Professor of Natural Science.

REV. ABSALOM GRAVES GAINES, D.D., LL.D.,

Craig Professor of Intellectual and Moral Philosophy, and of Political Economy.

CHARLES KELSEY GAINES, PH D.,*

Professor of the Greek Language and Literature and Instructor in English Literature.

HENRI HERMANN LIOTARD, M.A.,

Professor of the German and French Languages.

HENRY PRIEST, M.A.,

Dean, and Hayward Professor of Physics and Chemistry.

GEORGE ROBERT HARDIE, M.A.,

Recorder, and Professor of the Latin Language and Literature.

Chapin Professor of Geology and Mineralogy.

ROBERT DALE FORD, M.S.,

Secretary, and Instructor in Mathematics.

*On leave of absence.

EDWIN MARTIN PICKOP, B.A.,

Instructor in Greek.

EMBERSON EDWARD PROPER, M.A.,

Instructor in History.

CAMPBELLINA PENDLETON GAINES, M.A.,

Instructor in English.

FRANK JOHN ARNOLD,

Assistant in the Chemical Laboratory.

OTHER OFFICERS.

REV. HENRY PRENTISS FORBES, D.D.,

Librarian.

ROBERT DALE FORD, M.S.,

Assistant Librarian.

FRANK NASH CLEAVELAND, M.A.,

Bursar.

EMBERSON EDWARD PROPER, M.A.,

Director of the Gymnasium.

TRACY PALMER SOUTHWORTH,

Steward.

DEGREES CONFERRED JUNE 26, 1895.

IN COURSE.

BACHELOR OF ARTS.

Mamie Linda Baker, Glenn Andrews Kratzer,
Margaret Jane Murray.

BACHELOR OF PHILOSOPHY.

Edward Anthony Adler, Nathan Ford Giffin,
Lorenzo Dow Case, May Irwin.

BACHELOR OF SCIENCE.

Edward Leroy Barnett, John Gordon Logan,
Richard Collins Ellsworth, Charlotte Louise McCall,
Marian Estella Howard, Gertrude Emma Smith,
Charles Gregory Hubbell, Frank Benton Spaulding,
Elinor Miriam White.

HONORARY.

DOCTOR OF PHILOSOPHY.

Rev. John Clarence Lee, M.A.

DOCTOR OF DIVINITY.

Rev. Quillen Hamilton Shinn.

GRADUATE STUDENTS.

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS.

- | | |
|---------------------------------------|-----------------|
| Charles Fred Cook, B. A. 1881, | Augusta, Me. |
| <i>History and Political Science.</i> | |
| Arthur Raymond Gledhill, B. A. 1893, | Plymouth, Mass. |
| <i>English Literature.</i> | |

CANDIDATES FOR THE DEGREE OF MASTER OF PHILOSOPHY.

- | | |
|---|------------------|
| Ella May Adams, PH. B. 1893, | Whitney's Point. |
| <i>American Literature and English History.</i> | |
| Lorenzo Dow Case, PH. B. 1895, | Canton. |
| <i>History and Philosophy.</i> | |
| Ernest Gerald Chilton, PH. B. 1894, | Ogdensburg. |
| <i>English Literature.</i> | |
| Carolyn Dean Foster, PH. B. 1894, | Hermon. |
| <i>Latin and English Literature.</i> | |
| Nathan Ford Giffin, PH. B. 1895, | New York. |
| <i>American History.</i> | |
| James Franklin McKinney, PH. B. 1893, | Baltimore, Md. |
| <i>Philosophy and Political Science.</i> | |
| Amy Mac Vey, PH. B. 1894, | Brooklyn. |
| <i>English Literature.</i> | |
| Jessie Verena Stiles, PH. B. 1890, | New Rochelle. |
| <i>Natural History and English Literature.</i> | |
| Allie Anna Walker, PH. B. 1890, | Rondout. |
| <i>English Literature.</i> | |

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE.

- | | |
|--|--------------------|
| Ernest Rasey Barrows, B. S. 1894, | Canton. |
| <i>Chemistry and Physics.</i> | |
| William John Deans, B. S. 1894, | Chateaugay. |
| <i>Political Science and American History.</i> | |
| Michael Henry Kinsley, B. S. 1888, | Arlington, N. J. |
| <i>Mineralogy and Chemistry.</i> | |
| Wilford Jacob Litchfield, B. S. 1894, | Southbridge, Mass. |
| <i>German and English Literature.</i> | |
| Robert Samuel Roulston, B. S. 1891, | Rockton. |
| <i>Political Science.</i> | |
| Maud Amelia Wrigglesworth, B. S. 1890, | Brooklyn. |
| <i>English Literature.</i> | |

UNDERGRADUATES.

NOTE.—The letter *c* indicates the Classical Course, *p* the Philosophical Course, *s* the Scientific Course, *l* the Modern Literature Course. Students whose names appear below the line in any class are subject to conditions.

SENIOR CLASS.

Frank John Arnold, <i>c</i> ,	<i>Middleport,</i>	20 Miner St.
James Charles Dolan, <i>p</i> ,	<i>Canton,</i>	14 Pine St.
Antoinette Josephine Foster, <i>c</i> ,	<i>Rochester,</i>	20 Pine St.
James Harrigan, <i>s</i> ,	<i>Canton,</i>	Mr. John Harrigan's.
William John Heckles, <i>s</i> ,	<i>Canton,</i>	Mr. William Heckles's.
William Clark Hepburn, <i>s</i> ,	<i>Madrid,</i>	<i>B Θ II</i> House.
Arthur Oscar Howard, <i>s</i> ,	<i>Canton,</i>	3 College St.
Charles Matt Karch, <i>s</i> ,	<i>Mount Hope, O.,</i>	<i>B Θ II</i> House.
Charles Bernard McCormick, <i>c</i> ,	<i>Canton,</i>	23 Judson St.
Lelia Helen Merriman, <i>c</i> ,	<i>Canton,</i>	28 Miner St.
Katherine Elizabeth Moog, <i>c</i> ,	<i>Baltimore, Md.,</i>	12 Pine St.
William Hector Murray, <i>s</i> ,	<i>Troy,</i>	<i>A T Ω</i> House.
George Homer Partridge, <i>s</i> ,	<i>Canton,</i>	103 Main St.
Warren Wales Read, <i>p</i> ,	<i>Pittsfield, Me.,</i>	<i>B Θ II</i> House.
Rhoda Emmeline Richardson, <i>p</i> ,	<i>N. Chester, Vt.,</i>	10 Church St.
Emma Crasto Robinson, <i>s</i> ,	<i>Mount Vernon,</i>	9 Pine St.
William Arthur Storm, <i>p</i> ,	<i>Meriden, Conn.,</i>	<i>B Θ II</i> House.
Florence May Storrs, <i>s</i> ,	<i>Canton,</i>	43 State St.
Katherine May Tallman, <i>s</i> ,	<i>Canton,</i>	15 Elm St.
Mary Traver, <i>s</i> ,	<i>Canton,</i>	45 Court St.

Leslie Abner Johnson, <i>s</i> ,	<i>Spragueville,</i>	45 Park St.
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JUNIOR CLASS.

Charles William Appleton, <i>s</i> ,	<i>Brockton, Mass.</i> ,	<i>A TΩ</i> House.
Clarence Justin Austin, <i>s</i> ,	<i>Fowler</i> ,	<i>A TΩ</i> House
Sybil Eliza Bailey, <i>p</i> ,	<i>Canton</i> ,	51 Park St.
George Eliot Cooley, <i>p</i> ,	<i>Hartford, Conn.</i> ,	<i>B Θ II</i> House.
Margaret Helen Currier, <i>s</i> ,	<i>Colton</i> ,	9 Pine St.
Annie Louise Eaton, <i>s</i> ,	<i>Champlain</i> ,	15 State St.
Archibald William Fortune, <i>s</i> ,	<i>Lawrenceville</i> ,	<i>A TΩ</i> House.
Arthur Floyd Griffiths, <i>s</i> ,	<i>Richville</i> ,	<i>B Θ II</i> House.
Daisy Mabel Jones, <i>s</i> ,	<i>Madrid Springs</i> ,	20 Pine St.
Harriet Elizabeth Robertson, <i>s</i> ,	<i>Colton</i> ,	9 Pine St.
Zoa Magdalene Rowland, <i>s</i> ,	<i>Canton</i> ,	15 State St.
Jessie Dell Stearns, <i>p</i> ,	<i>Winthrop</i> ,	20 Pine St.
Francis Edwin Van Deveer, <i>s</i> ,	<i>Springfield Centre</i> ,	<i>B Θ II</i> House.
George Fay Wilder, <i>c</i> ,	<i>Watertown</i> ,	21 Judson St.
Gertrude Emily Perkins, <i>c</i> ,	<i>Canton</i> ,	39 Court St.

SOPHOMORE CLASS.

Chellis Asahel Austin, <i>p</i> ,	<i>Canton</i> ,	17 Elm St.
Helen Alsy Clemence, <i>p</i> ,	<i>Worcester, Mass.</i> ,	20 Pine St.
Harry Marks Conkey, <i>c</i> ,	<i>Canton</i> ,	17 Goodrich St.
John Leslie Cummings, <i>p</i> ,	<i>Canton</i> ,	46 State St.
John Dillon Dunphy, <i>s</i> ,	<i>Dekalb</i> ,	<i>B Θ II</i> House.
Charles Edward Fisher, <i>c</i> ,	<i>Worcester, Mass.</i> ,	88 Main St.
Harry Woods Forbes, <i>c</i> ,	<i>Canton</i> ,	3 University Ave.
Walter Everett Foster, <i>c</i> ,	<i>Rochester</i> ,	<i>B Θ II</i> House.
John Rouse Gillett, <i>c</i> ,	<i>Clifton Springs</i> ,	58 Park St.
Bertha Clarene Jackson, <i>c</i> ,	<i>Canton</i> ,	10 Church St.
Minnie Charlotte Jackson, <i>p</i> ,	<i>Macedon</i> ,	8 Elm St.
Jessie Wenonah Kinney, <i>s</i> ,	<i>Massena</i> ,	8 Elm St.
Victor Harry Libby, <i>s</i> ,	<i>Watertown</i> ,	<i>B Θ II</i> House.
Marguerite Pauline Liotard, <i>c</i> ,	<i>Canton</i> ,	5 Church St.
Henry McCormick, <i>s</i> ,	<i>Canton</i> ,	23 Judson St.
Ernest Robinson, <i>p</i> ,	<i>Morley</i> ,	<i>A TΩ</i> House.
Milton Henry Stevenson, <i>s</i> ,	<i>Canton</i> ,	<i>A TΩ</i> House.
Richard Seaton Terry, <i>c</i> ,	<i>Henderson</i> ,	<i>A TΩ</i> House.
Arthur Brown Joy, <i>c</i> ,	<i>Meriden, Conn.</i> ,	<i>B Θ II</i> House.
Nelson Lyman Lobdell, <i>c</i> ,	<i>Victor</i> ,	<i>B Θ II</i> House.
Frank Lawrence Woods, <i>s</i> ,	<i>Canton</i> ,	Mrs. Dennis Woods's.

FRESHMAN CLASS.

Alice Cary Atwood,	<i>Canton,</i>	58 Park St.
Hendrick Ware Barnum, <i>c,</i>	<i>Canton,</i>	97 Main St.
Amin George Beder, <i>s,</i>	<i>Beirout, Syria,</i>	23 Park St.
Jay Wesley Benton, <i>s,</i>	<i>Canton,</i>	12 Elm St.
Clyde McBride Burklew, <i>s,</i>	<i>Layland, O.,</i>	<i>A TΩ House.</i>
William Hall Burklew, <i>s,</i>	<i>Layland, O.,</i>	<i>A TΩ House.</i>
Isabel Ellis, <i>p,</i>	<i>Victor,</i>	12 Pine St.
Albert James Fields, <i>s,</i>	<i>Canton,</i>	17 Goodrich St.
Walter Scott Herrick, <i>p,</i>	<i>Canton,</i>	17 Goodrich St.
Charles Fuller Heckles, <i>s,</i>	<i>Canton,</i>	Mr. William Heckles's.
Murray Arnold Hines, <i>p,</i>	<i>North Adams, Mass.,</i>	45 Park St.
Inez Chapman Ladd, <i>p,</i>	<i>Victor,</i>	11 Pine St.
William Reuben Lasher, <i>p,</i>	<i>Little Falls,</i>	82 Main St.
Amy Lulu Lyon, <i>p,</i>	<i>Brooklyn,</i>	88 Main St.
Kathleen McCormick, <i>l,</i>	<i>Canton,</i>	23 Judson St.
Jessie Thatcher Robertson, <i>c,</i>	<i>Canton,</i>	34 Park St.
Robert Russell, <i>c,</i>	<i>Canton,</i>	19 Elm St.
Harriet Elinor Shaw, <i>p,</i>	<i>Rochester,</i>	67 Park St.
Edgar Augustus Sheldon, <i>s,</i>	<i>Chateaugay,</i>	<i>A TΩ House.</i>
Catherine Susan Stallman, <i>p,</i>	<i>Rochester,</i>	67 Park St.
Bingham Sykes Stevens, <i>p,</i>	<i>Canton,</i>	23 Park St.
William Morgan Stout, <i>s,</i>	<i>Killbuck, O.,</i>	<i>A TΩ House.</i>
Virginia Langfitt Voorhees, <i>p,</i>	<i>Millersburg, O.,</i>	12 Pine St.
John Allen Wells, <i>s,</i>	<i>Massena Center,</i>	23 Park St.
Isabel Williams, <i>s,</i>	<i>Montclair, N. J.,</i>	88 Main St.
Royden Williamson, <i>s,</i>	<i>New York,</i>	88 Main St.
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Stanley Eaton Gunnison, <i>s,</i>	<i>Brooklyn,</i>	88 Main St.
Mary Bradley Sherman, <i>s,</i>	<i>Canton,</i>	16 Goodrich St.

SPECIAL STUDENTS.

Roger Herbert Dennett,	<i>Belmont, Mass.,</i>	<i>A TΩ House.</i>
French 3, Math. 3, Physiology, Latin 1, Eng. C, Math. 1.		
Guy Leslie Harrington,	<i>Canton,</i>	
Math. 1, Physics 1, French 1, Ger. 1, Eng. A.		
Sumner Clinton Hurlbut,	<i>Heuvelton</i>	21 Judson St.
Math. 1, Biol. 1, Ger. 1, Hist. 1b, Eng. A.		
James Louis Rathbun,	<i>Brooklyn,</i>	<i>A TΩ House.</i>
Biol. 1, Physiol. Physics 1, Eng. 1, Hist. 4.		
Caroline Louise Sumner,	<i>Moir,</i>	6 Goodrich St.
Ger. 3, Lat. 1, French 1, Eng. 1.		

ADMISSION.

For admission to the Freshman Class of the CLASSICAL COURSE, an examination must be well sustained in the following studies, or *full equivalents*:

LATIN—Cæsar's Gallic War, Books I.-IV.; Cicero's four orations against Catiline and those for Archias and for the Manilian Law; Vergil, Æneid, Books I. VI.; Allen and Greenough's or Harkness's Grammar, including prosody; translation into Latin of a connected passage of English narrative based on the authors read, and containing only familiar words and idioms.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronunciation is used.

GREEK—Three books of Xenophon's Anabasis; three books of the Iliad; Goodwin's or Hadley's (revised) Greek Grammar, including prosody; translation into Greek (with accents) of simple sentences based on the Anabasis.

MATHEMATICS Arithmetic, including Metric System. In Arithmetic, the candidate should have distinct notions of the meaning and the reason of all that he does, and be able to state them clearly in his own language. In his preparatory study he is advised to solve a great many problems, and to state and explain the reasons for the steps taken.

Algebra. The examination in Algebra will involve a thorough knowledge of the fundamental principles, factoring, fractions, equations of the first degree in one and more than one unknown quantity, and radicals. The candidate's knowledge of the subject should be such as to enable him to take up at once the study of equations of the second degree and the more advanced Algebra.

Plane Geometry. In addition to the general work in Plane Geometry, the candidate should be able to solve the simpler original problems.

ENGLISH—The candidate will be required to give practical evidence of ability to express coherent thought in clear and correct language. The examination will consist chiefly in the writing of a short essay on a theme (to be assigned at the time) drawn from one or more standard works contained in a list previously published. Adequate knowledge of the subject matter must be evinced, and careful attention given to *good form* in all respects,— expression, grammar, spelling, punctuation, and division into paragraphs. All the works designated for a given year are to be read in preparation for the examinations of that year. The works prescribed for 1896, 1897, and 1898, respectively, are as follows:

1896—Shakspeare's Merchant of Venice and Midsummer Night's Dream; Longfellow's Evangeline; Webster's First Bunker Hill Oration; Irving's Tales of a Traveller; Scott's Woodstock; George Eliot's Silas Marner.

1897—Shakspeare's Merchant of Venice and As You Like It; Scott's Marmion; Longfellow's Evangeline; Burke's Speech on Conciliation with America; Macaulay's Life of Samuel Johnson; Irving's Tales of a Traveller; Hawthorne's Twice Told Tales; George Eliot's Silas Marner.

1898—Shakspeare's Merchant of Venice and Twelfth Night; Longfellow's Evangeline; Lowell's The Vision of Sir Launfal; Webster's Reply to Hayne; Hawthorne's The House of Seven Gables; Tennyson's The Princess; Scott's Abbot; Southey's Life of Nelson.

The candidate will also be required to criticise specimens of faulty English, and a competent knowledge of the elements of rhetoric will be assumed.

HISTORY—Myer's Ancient History, or equivalent; Outlines of American History.

PHYSIOLOGY—Martin's Brief Course on the Human Body, or equivalent.

Candidates for admission to the Freshman Class of the PHILOSOPHICAL COURSE are examined as above, with the omission of *Greek*.

Candidates for admission to the Freshman Class of the SCIENTIFIC COURSE and the MODERN LITERATURE COURSE are examined as for admission to the PHILOSOPHICAL COURSE, with the omission of *Vergil's Aeneid* and *Cicero's orations for Archias and for the Manilian Law*.

Instead of the *Latin* required for admission to the SCIENTIFIC COURSE, an equivalent amount of *French* or *German* will be accepted. The extent of the requirement is indicated below, but the use of the particular texts named will not be insisted upon.

FRENCH—Keetel's Grammar; one hundred pages of Fleury's Mythologie des Grecs et des Romains; Racine's Athalie; Feuillet's Le Roman d'un Jeune Homme Pauvre; La Neuvaïne de Colette.

GERMAN—Collar's Eysenbach; Andersen's Fairy Tales; Schiller's Jungfrau; Freytag's Soll und Haben, condensed by Ida W. Bultman.

The regular examinations of candidates for admission will be held at College Hall on the Friday and Saturday preceding Commencement, and on the Friday and Saturday preceeding the opening of the College. (For dates see calendar on page 3.)

The certificates and diplomas of the State Board of Regents will be accepted provisionally in lieu of examinations *for admission* (but not for advanced standing) if they fully cover the subjects required. Students received on such certificates will be considered on probation during the first term of the Freshman year. Students may be admitted to any regular course, subject to conditions, on giving satisfactory evidence of ability to do successful work, but no student may pursue a subject in which he has not passed the preliminary requirements.

Graduates of approved preparatory schools will be admitted, on probation, on the certificate of the principal of the school from which they come. Such certificate must state specifically the subjects in which the candidate has passed satisfactory examinations, *and should be filed with the Recorder at least two weeks prior to the regular entrance examinations*. Certificate forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they propose to enter. Candidates from other colleges will be required to present certificates of dismissal in good standing. For further information application should be made to the Recorder (see page 6).

COURSES OF STUDY.

CLASSICAL

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Greek 1 (four hours); Latin 1 (four); Mathematics 1 (four); History 1 (three); English A (one).

SECOND TERM.

Prescribed, sixteen hours.—Greek 2 (four hours); Latin 2 (four); Mathematics 2 (four); History 2 (three); English B (one).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Greek 3 (three hours); Latin 3 (four); Mathematics 3 (four); Physiology (four); English C (one).

SECOND TERM.

Prescribed, sixteen hours.—Greek 4 (three hours); Latin 4 (three); Mathematics 4 (three); Chemistry 1 (four); History 3 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, nine hours.—Physics 1 (four hours); English 1 (three); Parliamentary Law and Debate (two).

Elective, seven hours.—Greek 5 (two hours); Latin 5 (three); Writing Latin (one); French 1 (four); German 1 (four); Mathematics 5 (three); Geology (four); Biology 1 (four); Chemistry 2 (three); History 4 (two).

SECOND TERM.

Prescribed, nine hours —Physics 2 (three hours); Psychology 1 (four); English 2 (two).

Elective, seven hours.—Greek 6 (two hours); Latin 6 (three); Writing Latin (one); French 2 (four); German 2 (four); Mineralogy (three); Mathematics 6 (three); Chemistry 3 (three); Biology 2 (four); History 5 (two); Mathematics 7 (two).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, ten hours.—Latin 7 (three); Writing Latin (one); French 3 (three); German 3 (three); Astronomy 1 (three); Chemistry 4 (two); Rhetoric 1 (two); English 3, 4, 5 (each one hour); History 6 (three); Evidences of Religion (three); Psychology 2 (three); Physics 3 (three).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, ten hours.—Latin 8 (three); Writing Latin (one); French 4 (three); German 4 (three); Astronomy 2 (two); Rhetoric 2 (two); English 6, 7, 8 (each one hour); Logic 2 (three); History 7 (three); Physics 4 (two).

PHILOSOPHICAL

LEADING TO THE DEGREE OF BACHELOR OF PHILOSOPHY.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 or German 1 (four); Mathematics 1 (four); History 1 (three); English A (one).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 or German 2 (four); Mathematics 2 (four); History 2 (three); English B (one).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 3 (four hours); French 3 or German 3 (three); Mathematics 3 (four); Physiology (four); English C (one);

SECOND TERM.

Prescribed, sixteen hours.—Latin 4 (three hours); French 4 or German 4 (three); Mathematics 4 (three); Chemistry 1 (four); History 3 (three);

JUNIOR YEAR.

FIRST TERM.

Prescribed, nine hours.— Physics 1 (four hours); English 1 (three); Parliamentary Law and Debate (two).

Elective, seven hours.— Latin 5 (three hours); Writing Latin (one); French 1 (four); German 1 (four); French 5 (two); German 5 (two); Mathematics 5 (three); Geology (four); Biology 1 (four); Chemistry 2 (three); History 4 (two).

SECOND TERM.

Prescribed, nine hours.— Physics 2 (three hours); Psychology 1 (four); English 2 (two).

Elective, seven hours.— Latin 6 (three hours); Writing Latin (one); French 2 (four); German 2 (four); French 6 (two); German 6 (two); Mineralogy (three); Mathematics 6 (three); Chemistry 3 (three); Biology 2 (four); History 5 (two); Mathematics 7 (two).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.— Logic 1 (three hours); Economics 1 (three).

Elective, ten hours.— Latin 7 (three); Writing Latin (one); French 3 (three); German 3 (three); French 5 (two); German 5 (two); Astronomy 1 (three); Chemistry 4 (two); Rhetoric 1 (two); English 3, 4, 5 (each one hour); History 6 (three); Evidences of Religion (three); Psychology 2 (three); Physics 3 (three).

SECOND TERM.

Prescribed, six hours.— Ethics (three hours); Economics 2 (three).

Elective, ten hours.— Latin 8 (three); Writing Latin (one); French 4 (three); German 4 (three); French 6 (two); German 6 (two); Astronomy 2 (two); Rhetoric 2 (two); English 6, 7, 8 (each one hour); Logic 2 (three); History 7 (three); Physics 4 (two).

SCIENTIFIC

LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (four hours); Mathematics 1 (four); Biology 1 (four); History 1 (three); English A (one).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (four hours); Mathematics 2 (four); Biology 2 (four); History 2 (three); English B (one).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 3 or German 3 (three hours); Mathematics 3 (four); Physiology (four); Geology (four); English C (one)

SECOND TERM.

Prescribed, sixteen hours.—French 4 or German 4 (three hours); Mathematics 4 (three); Chemistry 1 (four); Mineralogy (three); History 3 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, nine hours.—Physics 1 (four hours); English 1 (three); Parliamentary Law and Debate (two).

Elective, seven hours.—French 1 (four hours); German 1 (four); French 5 (two); German 5 (two); English 3 (one); Mathematics 5 (three); Chemistry 2 (three); History 4 (two).

SECOND TERM.

Prescribed, nine hours.—Physics 2 (three hours); Psychology 1 (four); English 2 (two).

Elective, seven hours.—French 2 (four hours); German 2 (four); French 6 (two); German 6 (two); Mathematics 6 (three); Chemistry 3 (three); History 5 (two); Mathematics 7 (two).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, ten hours.—French 3 (three); German 3 (three); French 5 (two); German 5 (two); Astronomy 1 (three); Chemistry 4 (two); Rhetoric 1 (two); English 3, 4, 5 (each one hour); History 6 (three); Evidences of Religion (three); Psychology 2 (three); Physics 3 (three).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, ten hours.—French 4 (three); German 4 (three); French 6 (two); German 6 (two); Astronomy 2 (two); Rhetoric 2 (two); English 6, 7, 8 (each one hour); Logic 2 (three); History 7 (three); Physics 4 (two).

MODERN LITERATURE

LEADING TO THE DEGREE OF BACHELOR OF LETTERS.

NOTE.—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 (four hours); German 1 (four); Mathematics 1 (four); History 1 (three); English A (one).

SECOND TERM.

Prescribed, sixteen hours.—French 2 (four hours); German 2 (four); Mathematics 2 (four); History 2 (three); English B (one).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 3 (three hours); German 3 (three); Mathematics 3 (four); Physiology (four); English C (one); Rhetoric A (one).

SECOND TERM.

Prescribed, sixteen hours.—French 4 (three hours); German 4 (three); Mathematics 4 or History 7 (three); Chemistry 1 (four); History 3 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, nine hours.—Physics 1 (four hours); English 1 (three); Parliamentary Law and Debate (two).

Elective, seven hours.—French 5 (two hours); German 5 (two); English 3 (one); History 6 (three); Mathematics 5 (three); Geology (four); Biology 1 (four); Chemistry 2 (three); History 4 (two).

SECOND TERM.

Prescribed, nine hours.—Physics 2 (three hours); Psychology 1 (four); English 2 (two).

Elective, seven hours.—French 6 (two hours); German 6 (two); History 7 (three); Mathematics 6 (three); Chemistry 3 (three); Mineralogy (three); Biology 2 (four); History 5 (two); Mathematics 7 (two).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, ten hours.—French 5 (two); German 5 (two); Astronomy 1 (three); Chemistry 4 (two); Rhetoric 1 (two); English 3, 4, 5 (each one hour); History 6 (three); Evidences of Religion (three); Psychology 2 (three); Physics 3 (three).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, ten hours.—French 6 (two); German 6 (two); Astronomy 2 (two); Rhetoric 2 (two); English 6, 7, 8 (each one hour); Logic 2 (three); History 7 (three); Physics 4 (two).

DEPARTMENTS OF INSTRUCTION.

LATIN.

Professor HARDIE.

Latin is a required subject during the first two years of the Classical and Philosophical courses, and is elective during the Junior and Senior years. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

LATIN I.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 3.

Cornelius Nepos; Livy, Book XXI; Miller's Latin Prose Composition; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sen-

tence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 3.

Cicero, *De Senectute* and *De Amicitia*; Plautus, *Mostellaria*; Writing Latin.

This term's work serves as an introduction to the study of Cicero's philosophical works. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus. Translation of Latin at sight and the translation of English narrative into Latin are continued. Careful attention is given to the study of Latin style and idiom.

LATIN 3.—(Prescribed) Soph. I. Mo. Tu. We. Th. at 2.

Horace's *Odes* and *Epodes*; Tacitus, *Agricola*.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire. Practice in writing Latin is continued.

LATIN 4.—(Prescribed) Soph. II. Mo. We. Th. at 2.

Horace's *Satires* and *Epistles*.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms are discussed. Indications of his personal characteristics and opinions, and of the social and political conditions of his time are all carefully noted.

LATIN 5.—(Elective) Jun. I. (Hours to be determined after election.)

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to

coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual development of the language is then followed with special reference to its bearing upon Roman character and institutions. Reading of portions of selected authors and consultation of histories of literature in the classical library are required in connection with the lectures of the course.

LATIN 6.—(Elective) Jun. II. (Hours to be determined after election.)

Elegiac Poets.

In this course selections are read from Catullus, Tibullus, Propertius and Ovid.

LATIN 7.—(Elective) Sen. I. Mo. We. Fr. at 11.

Lucretius, *De Rerum Natura*; Cicero, *De Natura Deorum*.

In this course the doctrines of the two schools of philosophy which had the greatest following among the Romans, the Stoic and Epicurean, are studied as set forth in the works named, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 8.—(Elective) Sen. II. Mo. We. Fr. at 11.

Seminary. Critical reading of a selected author, with a view to the wants of those who intend to teach Latin.

WRITING LATIN.—(Elective—Hours to be arranged.)

An opportunity is provided during the Junior and Senior years for practice in writing Latin. Selections from standard English authors are used for translation, and practice is also given in original composition in imitation of the best prose models.

GREEK.

Professor C. K. GAINES; Mr. PICKOP.

Greek is a required subject during the first two years of the Classical course, and is elective during the Junior year. In the instruction in this department, the fact is kept constantly in view that the present value of Greek consists almost wholly in its wonderful literature; therefore the

attainment of ability to *read* with full appreciation is made the prime object. Grammatical drill, and exercises in writing and (to a slight extent) speaking Greek, are regarded as important means to this end, but are not made an end in themselves. Much attention is given to the development of an adequate and effective vocabulary; the tongue and ear are trained, as well as the eye. Exercises in reading at sight are freely used; but a large amount of careful translation, closely criticised by the instructor, is deemed indispensable for accurate knowledge and faithful work. In rendering Greek, students are required to use correct English, and to express as far as possible the style and spirit of the original. The historical and social bearing of what is read is discussed and studied, and ancient thought and action are illustrated by modern parallels and contrasts. Supplementary reading is recommended, and in certain connections required. Students in the courses below indicated are entitled to the privileges of the classical library and study-room. During the current year the Greek department is in charge of Mr. Pickop.

GREEK 1.—(Prescribed) Fresh. I. Tu. We. Th. Fr. at 10.

Select Orations of Lysias. Writing Greek.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. In this course special attention is given to the syntax of the moods and tenses; and one hour each week is devoted to writing Greek and kindred exercises. Before the end of the term the *Memorabilia* is begun.

GREEK 2.—(Prescribed) Fresh. II. Tu. We. Th. Fr. at 10.

Selections from Xenophon's *Memorabilia* of Socrates; Plato's *Apology* of Socrates, and *Crito*. Writing Greek.

The life and teachings of Socrates and related matters are carefully studied. Toward the close of the term a comedy is taken up. Increased attention is given to translation at sight and the attainment of facility.

GREEK 3.—(Prescribed) Soph. I. Mo. We. Fr. at 11.

Demosthenes de Corona; with a study of the period involved.

Special attention is given to appreciative reading of the Greek text and effective rendering. A sound understanding of the political situation and of the events referred to in the argument is required, and supplementary reading indicated.

GREEK 4.—(Prescribed) Soph. II. Tu. We. Fr. at 11.

Greek Tragedy; with a study of the Attic Theatre and related topics.

The authors ordinarily taken up are Æschylus and Sophocles. Supplementary reading is prescribed. Particular attention is given to the metrical reading of the Greek dialogue.

GREEK 5 and 6.—(Elective) Jun. I. II. Tu. and Th. at 3.

These courses are designed to give a more perfect mastery to students already interested and proficient. The details of the programme are determined by the instructor after consultation with the class. The work commonly includes a thorough course in writing Greek, consisting in part of original composition, with regard for style as well as formal correctness. Translation at sight is made a prominent feature. Selections from Homer and from the Elegiac and Lyric poets are studied, with particular attention to metres and the metrical reading of Greek verse. A comedy is sometimes read.

FRENCH.

Professor LIOTARD.

French is a required subject during the first two years in the Modern Literature course, and in the Philosophical and Scientific courses is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin. The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may

understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 9.

Keetel's Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—(Prescribed) Fresh II. Mo. Tu. We. Th. at 9.

Keetel's Grammar concluded; Lamé Fleury's Mythology, or Perrault's Fairy Tales; Racine's Esther or Athalie.

This course consists of the reading and translation of easy French; some of the best passages of the famous French tragic author are committed to memory.

FRENCH 3.—(Prescribed) Soph. I. Tu. Th. Sa. at 7:40.

Molière's L'Avare; La Neuvaïne de Colette; Le Roman d'un Jeune Homme Pauvre.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV, and from the works of some of the modern novelists.

FRENCH 4.—(Prescribed) Soph. II. Tu. Th. Sat. at 7:40.

Les Mémoires de St. Simon; Victor Hugo's Quatre-vingt-treize.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—(Elective—open to those who have completed course 4)
Tu. Th. at 2.

Writing French.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—(Elective—open to those who have completed course 5)
Tu. Th. at 2.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first two years in the Modern Literature course, and in the Philosophical and Scientific courses is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction are similar to those used in the French courses above described.

GERMAN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 10.

Collar's Eysenbach, with copious exercises in the translation of English into German.

GERMAN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 10.

Collar's Eysenbach concluded; Höher als die Kirche; Immensee; Schiller's Der Neffe als Onkel.

GERMAN 3.—(Prescribed) Soph. I. Mo. We. Fr. at 7:40.

Schiller's Jungfrau and Maria Stuart.

GERMAN 4.—(Prescribed) Soph. II. Mo. We. Fr. at 7:40.

Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell.

GERMAN 5.—(Elective—open to those who have completed course 4)
Tu. Th. at 3.

Lessing's Nathan der Weise; selections from modern novelists.

GERMAN 6.—(Elective—open to those who have completed course 5)
Tu. Th. at 3.

Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

Mr. PROPER, Professor C. K. GAINES, and Professor A. G. GAINES.

ENGLISH A—(Prescribed) Fresh. I. Sa. at 9. Mr. PROPER.

The aim in this course is to increase by exercise the student's control of his mother tongue. Each week a portion of the hour for recitation is devoted to writing on subjects then announced; the remainder, to general criticisms. Weekly readings, drawn generally from masterpieces of English prose fiction, supply the basis for these exercises.

Another feature is the writing of essays, which, as well as the weekly themes, are subjected to criticism and returned with the instructor's comments.

ENGLISH B—(Prescribed) Fresh. II. Mo. at 11. Mr. PROPER.

The aim and methods here are the same as in English A. The weekly readings are chiefly taken, however, from the great essayists, whose style thus first comes under observation.

ENGLISH C—(Prescribed) Soph. I. Fr. at 9. Mr. PICKOP.

The methods are similar to those employed in English A and B. The differences are, first, that the readings are selected from the works of a few masters of English prose, and some study is made of the style of each; second, that essay-writing becomes rather more prominent, consisting chiefly of argumentative and critical composition.

PARLIAMENTARY LAW AND DEBATE 1.—(Prescribed) Jun. I. Two hours—to be arranged.

PARLIAMENTARY LAW AND DEBATE 2.—(Elective) Jun. II. One hour—to be arranged.

Professor C. K. GAINES.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of order are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary, and carefully prepared models are furnished for minutes, reports, resolutions, etc.; all written work is subject to revision by the instructor. Frequent

debates are held upon practical questions, and all members are required to take part to a reasonable extent. The speeches are usually from fifteen to thirty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticized by the instructor at the close of each debate. Mere rhetoric and empty display are discountenanced, and a thoroughly practical and business-like style of speaking is inculcated; it is a constant aim to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best. *Deturs* are offered both for proficiency in parliamentary practice and for excellence in extemporaneous speaking. This course is omitted during the current year.

ENGLISH 1.—(Prescribed) Jun. I. Tu. at 11, Fr. Sa. at 9.

ENGLISH 2.—(Prescribed) Jun. II. Fr. Sa. at 9.

Professor C. K. GAINES.

These courses are designed to give an adequate introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced elective courses which follow. The development of English literature is treated historically in a series of lectures (two hours a week during the first term, and one hour during the second term). This part of the work connects closely with History 3 and 4, and the relation with contemporary political and social history is kept constantly in view. Blackboard tabulations are used, students are required to take notes, frequent oral examinations are held, and a written examination is given at the close of each term. Parallel with the lectures is a prescribed course of reading, covering about the same ground and amounting to at least 3,000 pages. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed—for it is found that students often derive most pleasure and profit from writings which they would not in the first instance have elected; but a moderate amount of election is allowed, that the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. For this purpose a unit of measure called a *tome* is employed. In prose fiction only typical works are admitted, and the amount is strictly limited. Students are required

to prepare and present careful abstracts of everything read in the course, and to write numerous theses under the supervision of the instructor and subject to searching criticism.

In the Senior year English is elective. The method followed is similar to that above described, but a much larger freedom of choice is allowed. The selection list is greatly extended, and a more ample library provided. Finer finish, a stronger grasp, and especially a higher critical quality, are demanded in the written work, and the standard of criticism is more rigorous. Courses 4 to 8 are open only to students who have obtained a grade not less than *eighty* in courses 1 and 2—unless special permission is granted for sufficient reasons. Hours for writing are appointed by the instructor. The following courses are one hour each, and are conducted by Professor C. K. GAINES. During the current year the Junior and Senior courses in English are given by Mrs. C. P. GAINES.

ENGLISH 3.—(Elective) Sen. I. (Hours as arranged.)

Free election from the full selection list. This course is designed to supplement courses 1 and 2.

ENGLISH 4.—(Elective) Sen. I. (Hours as arranged.)

Shakspeare and the Elizabethan drama: selected plays.

ENGLISH 5.—(Elective) Sen. I. (Hours as arranged.)

Dramatic literature in general: selected plays, including some translations.

ENGLISH 6.—(Elective) Sen. II. (Hours as arranged.)

Largely free election from the list, but with certain requirements preliminary to course 7.

ENGLISH 7.—(Elective) Sen. II. (Hours as arranged.)

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations, and with reference to the best English criticism.

ENGLISH 8.—(Elective) Sen. II. (Hours as arranged.)

English prose writers, especially the essayists.

RHETORIC 1.—(Elective) Sen. I. Tu. Th. at 4.

RHETORIC 2.—(Elective) Sen. II. We. Fr. at 3.

Professor A. G. GAINES.

These courses are continuous, and if the subject is elected it must be pursued throughout the year. The topics taken up during the first term are,—conviction, the finding and arranging of arguments; and persuasion, the arousing of the emotions and the influencing of the will. The second term is devoted to the study of style and its qualities, and to elocution in relation to reading and speaking. The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's Elements is taken as a convenient basis. A large amount of written work is required.

MATHEMATICS.

Mr. FORD.

Mathematics is a prescribed study during the Freshman and Sophomore years. In the Junior year elective courses are offered.

MATHEMATICS 1.—(Prescribed) Fresh I. Tu. We. Th. Fr.—Two sections: 1*a* at 11, 1*b* at 2.

Algebra (Taylor).

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are systems of equations, variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, general properties of equations.

MATHEMATICS 2.—(Prescribed) Fresh. II. Tu. We. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of Solid Geometry, the solution of numerical applications and original problems is required. In Trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 3.—(Prescribed) Soph. I. Mo. Tu. We. Th. at 9.
Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—(Prescribed) Soph. II. Mo. Tu. at 10, and Sa. at 9.

Elements of Calculus with Applications.

This course is designed to give enough of the elements of Calculus with its applications to mechanical and physical problems to prepare the student for the advanced study of the sciences, especially Physics.

MATHEMATICS 5.—(Elective) Jun. I. Tu. Th. Sa. at 7:40.

Calculus and Modern Analytic Geometry.

In this course an opportunity is given to those who have taken course 4 to pursue the study of Calculus further. Special topics, necessarily omitted from the preceding course, are treated. In the latter half of the term some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates.

MATHEMATICS 6.—(Elective) Jun. II. Tu. Th. Sa. at 7:40.

Determinants and the Theory of Equations.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed.

MATHEMATICS 7.—(Elective) Jun. II. (Hours as arranged).

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject throughout the Junior year, and a complete course is given. For those who desire to do more advanced work in this department, elective courses are offered in the

Senior year. Chemistry is required during the second term of the Sophomore year, and three terms of elective work are offered in the Junior and Senior years. In both subjects, the prescribed work consists partly of text-book study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Jun. I. Mo. We. Th. Fr. at 11.

PHYSICS 2.—(Prescribed) Jun. II. Mo. We. Fr. at 11.

General Physics.

These two courses are continuous, extending through the year. A text book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—(Elective) Sen. I. Th. Fr. from 2 to 4.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—(Elective) Sen. II. Tu. Th. from 2 to 4.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instrument of precision, accurate quantitative work in Mechanics, and to the experimental verification of physical formulæ. In the second term more advanced work in Heat, Light and Electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. II. Mo. Tu. at 9, and We. Fr. from 9 to 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 2.—(Elective) Jun. I. Mo. We. Fr. from 2 to 4.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts, Minerals, and Food Products.

CHEMISTRY 3.—(Elective) Jun. II. Mo. We. Fr. from 2 to 4.

Quantitative Analysis: Gravimetric and Volumetric Analysis. Analysis of Salts, and common Natural Products.

CHEMISTRY 4.—(Elective) Sen. I. Tu. Th. from 9 to 11.

Quantitative Analysis: Analysis of Water, Dairy and Food Products.

The above elective work is almost entirely in the laboratory, under the direction and supervision of the instructor. Note-books are frequently examined, and written work is assigned. The laboratory is well supplied with fine balances, graduated glassware, and apparatus for special analysis.

NATURAL SCIENCE.

Professor PRIEST and Mr. FORD.

PHYSIOLOGY AND HYGIENE.—(Prescribed) Soph. I. Mo. We. Fr. at 10, and Tu. at 11. Professor PRIEST.

Martin's "The Human Body" (Advanced Course) is used as a textbook, and is largely supplemented by lectures and practical work.

BIOLOGY 1.—(Prescribed, Scientific, Fresh. I.; Elective, Classical, Philosophical, and Modern Literature, Jun. I.) Tu. We. Th. Fr. at 4. Mr. FORD.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific, Fresh. II.; Elective, Classical, Philosophical, and Modern Literature, Jun. II. To be arranged. Mr. FORD.

In this course the subject is pursued in more detail; with practical work, and lectures on natural selection, evolution, heredity, etc.

GEOLOGY.—(Prescribed, Scientific, Soph. I.; Elective, Classical, Philosophical, and Modern Literature, Jun. I.) Mo. We. Fr. at 1. Mr. FORD.

Dynamical, structural, and historical geology are studied in the order named. A short time is also devoted to the principles of economic geology. The instruction is based on the study of text-books, amplified and illustrated by the instructor. The geological formations of the region are of unusual interest; out-door work is done while the season permits; and the excellent collections, belonging to the University, of fossils, minerals, and specimens illustrating the various rock formations, add greatly to the effectiveness of the department.

MINERALOGY.—(Prescribed, Scientific, Soph. II.; Elective, Classical, Philosophical, and Modern Literature, Jun. II.) Mo. at 10, and Tu. Th. from 10 to 12. Professor PRIEST.

The instruction consists, partly in the study of a text-book, with recitations, and partly in practical work with minerals. Models of crystals and the excellent mineralogical collection founded by the late Professor J. H. Chapin (in whose memory a chair of Geology and Mineralogy has recently been established) are used for illustration. Special attention is given to the more common ores and useful minerals, in which the region is rich. About one-half the time is devoted to blow-pipe analysis.

ASTRONOMY 1.—(Elective) Sen. I. Mo. We. Fr. at 3. Mr. FORD.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental principles, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies. The text-book used is Young's "General Astronomy."

ASTRONOMY 2.—(Elective) Sen. II. Tu. Th. at 3. Mr. FORD.

Spherical and Practical Astronomy.

In this course the study of the theory of astronomical instruments is taken up, astronomical problems are solved, and practical work with instruments (including a thirteen-inch reflecting telescope, presented to the College by Henry C. Maine, of Rochester) is pursued as far as the present facilities permit. This course may be counted for Honors in Mathematics.

POLITICAL SCIENCE AND HISTORY.

Professor A. G. GAINES and Mr. PROPER.

The work in History, during the earlier and required courses, necessarily centers in the acquisition of the information indispensable to a deeper study of the subject. From the beginning, however, the development of institutions and of civilization in general is never lost sight of, and in the elective courses the emphasis is given to the growth, organization, and working of states. After the Freshman year, an attempt is made to stimulate investigation and encourage individual work by requiring theses on special subjects from each student, and such work is judged with reference both to the grasp of the subject shown and the extent of investigation indicated. Throughout the whole, the relation of history to other subjects and other departments is borne in mind, and an attempt is made to emphasize this relation in the instruction.

HISTORY 1.—(Prescribed) Fresh. I. Mr. PROPER.

Ancient History.

Myer's Ancient History (or an equivalent) being required for entrance, no attempt will be made to follow the general narrative of this period, in greater detail. The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 1. Mr. PROPER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

Text books are used in courses 1 and 2, but the students are required to make frequent use of standard authorities.

HISTORY 3.—(Prescribed) Soph. II. Tu. Th. at 1 and Sa. at 9. Mr. PROPER.

English History.

This course covers the political and constitutional history of England down to recent times. The course aims to present the growth and development of Anglo-Saxon institutions, especial emphasis being given to their bearing on American History. The main movements of continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. A thesis is required.

HISTORY 4.—(Elective) Jun. I. Mr. PROPER.

American History down to 1829.

HISTORY 5.—(Elective) Jun. II. Mr. PROPER.

American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories constitute the basis of the work. A thesis is required.

HISTORY 6.—(Elective) Sen. I. Mr. PROPER.

European History from the French Revolution.

In this course the main movements in European life during the last century are studied, together with the influence of the French Revolution, the Napoleonic Wars, and the struggles for liberal constitutions and the Reconstruction of Europe. Thesis.

HISTORY 7.—(Elective) Sen. II. Mr. PROPER.

International Law and Diplomacy.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given to enable the student to intelligently appreciate and understand the current discussion of questions along these lines.

ECONOMICS 1 and 2.—(Prescribed) Sen. I. and II. Mo. We. Fr. at 9.
Professor A. G. GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures. Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

PHILOSOPHY.

Professor A. G. GAINES.

PSYCHOLOGY 1.—(Prescribed) Jun. II. Tu. We. Th. Fr. at 4.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

PSYCHOLOGY 2.—(Elective) Sen. I. Mo. We. Fr. at 4.

This course embraces a brief history of philosophy, ancient and modern, physiology in its relations to psychology, and psychology and ontology. These subjects are treated partly in lectures, partly by study of a text-book and recitations, and partly by prescribed collateral reading. Frequent oral reviews are given, and a series of theses is required.

LOGIC 1.—(Prescribed) Sen. I. Mo. We. Fr. at 10.

This course is mainly devoted to *deductive* reasoning, its conditions and legitimate procedure. It is the aim to study the subject, rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon (with constant critical discussion of each topic treated), with occasional lectures. Numerous reviews and examinations, both oral and written, are given. The topics thus treated embrace:—terms, their kinds and their defects; propositions, their kinds, critical interpretation, and transformations; the syllogism, its rules, forms, and transformations; fallacies, their kinds, and their analysis and detection.

LOGIC 2.—(Elective) Sen. II. Mo. We. Fr. at 10.

In this course *inductive* logic is treated. The methods used are similar to those above described:—the study of a text, with recitations, critical analysis, lectures, and a series of oral and written exercises. First is a critical study of the grounds of validity in inductive reasoning; then observation, experience, and hypothesis are carefully studied; this is followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. II. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

EVIDENCES OF RELIGION.—(Elective) Sen. I. Mo. We. Fr. at 2.

The subject is treated in a series of lectures, and the aim is a vindication of the fundamental doctrines of the Christian Religion. The topics taken up are to a considerable extent those dealt with in Bishop Butler's Analogy of Religion; but the field covered is broader, and the more modern aspects of the question are fully discussed. The warrant for belief in a Rational Creator, God, is given in a detailed attempt by all theories to explain the problem of existence as it is known to us. The being and attributes of God, the validity of revelation, and the immortality of the soul, are the doctrines belief in which the lecturer aims to justify.

GENERAL INFORMATION.

SITUATION.

The College is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the school, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Tuesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Saturday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to

young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time.

Devotional exercises are conducted every morning in the University Chapel, and all students are required to attend. Each student is required to attend regularly the Sunday services of the church of his choice.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given on the following dates: the first Saturday of the First Term; the Saturday following the Thanksgiving Recess; the Saturday following the Christmas Recess; the Saturday following the Easter Recess; the Saturday preceding Commencement. Students desiring to avail of such examinations must make application at least three days before the appointed time.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly ten thousand volumes and several thousand pamphlets, comprising all classes of subjects. The library is open during the afternoon, Tuesdays, Wednesdays, Thursdays, and Fridays, throughout the school year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information application should be made to the Librarian (see page 7). The library is contained in Herring Library Hall, a substantial fire-

proof building with a capacity of 60,000 volumes, erected by the late Silas C. Herring, of New York City. Although the library comprises many rare and valuable books, it has of late been but little extended. Since the death of Mr. Herring, the library has had for the purchase of books only the income of a fund of one thousand dollars, the gift of a friend who wishes for the present to remain unknown. A fund of ten thousand dollars is greatly needed.

SPECIAL LIBRARIES.

A study-room, furnished with a special library of classic texts, reference books, maps, etc., is provided for the use of students in the Classical and Philosophical courses. Books in this library are intended for reference chiefly, but may be taken from the room between 5 p. m. and 9 a. m. by permission of a professor of the department (see page 22). A special library is also furnished for the use of students in the literature courses (see page 30). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 34). There is a valuable collection of rocks and fossils, illustrating the various geological formations. In addition to the general collection of minerals, there has been added the Chapin-Andrews Collection of Minerals. This collection is a most valuable and unique one, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

A fund amounting to several thousand dollars has been pledged for the erection of a Gymnasium. A suitable building will be begun as soon as a sufficient sum is secured. For the present a building near the campus is rented for this purpose and daily gymnastic training is given under charge of Mr. Proper.

DETURS.

Prizes in money or books are given for special excellence in various branches of the college work. The following were awarded in 1895:

Prizes offered by Professor C. K. Gaines to members of the Sophomore class for the best work in debate, to George Eliot Cooley and William Reuben Lasher.

Prizes offered by Professor C. K. Gaines to members of the Sophomore class for the most complete and exact knowledge of parliamentary law as evinced on examination, to George Eliot Cooley and Charles William Appleton.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.50 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills will be made out by the Treasurer; each bill will contain one-half the annual charges. Unless other and satisfactory arrangements are made with the Bursar, the first bill will be delivered December 1st, and must be paid at the Bursar's office, in College Hall, on or before January 1st; the second bill will be delivered May 1st, and must be paid on or before June 1st. Students who leave College before graduating must pay in full all College bills at the time of leaving.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders.

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D. D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000 the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., Treasurer of the University.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications should be made, has sole power to nominate candidates for these scholarships. The Board is restricted, however, to the nomination of such as are actually members of the said institute, and shall certify that in their opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship from such Board, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the Bursar (see page 7).

FINAL HONORS.

Beginning with Commencement in 1896, honors will be conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments will be printed in honor lists on the commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, and PHILOSOPHY. Honors will be determined on the basis of grades, and the unit of reckoning will be the term-hour, i. e. work involving one hour per week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, will receive Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department will receive Honors in that department. Every candidate for Honors will be required to pass with credit a thorough examination on a special topic connected with the line of

study in which he is a candidate for Honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. Candidates for Honors must indicate the departments in which they seek Honors prior to March 1st of their Senior year.

Recipients of Honors or Highest Honors who attain an average grade of at least 80 in all departments, will receive a degree with distinction under the following conditions. Those who receive Highest Honors in three departments will be given a degree with the distinction *summa cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*.

DEGREES.

Graduates in the Classical Course receive the degree of *Bachelor of Arts*.

Graduates in the Philosophical Course receive the degree of *Bachelor of Philosophy*.

Graduates in the Scientific Course receive the degree of *Bachelor of Science*.

Graduates in the Modern Literature Course receive the degree of *Bachelor of Letters*.

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Letters* of three years standing may take the degree of *Master of Letters*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

Any *three* of the following courses may be chosen. An original thesis in Latin on some topic in connection with the line of study chosen is required.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.
2. Tacitus, Annals, Bks. I.-VI. (Furneaux's edition); Selections from Suetonius; Merivale's History of the Romans under the Empire, with careful study of the character of Tiberius and the political institutions of the Early Empire.
3. Cicero, De Finibus; Mayor's History of Ancient Philosophy; Zeller's Stoics, Epicureans, and Sceptics.
4. Four comedies each of Plautus and Terence; Moulton's The Ancient Classical Drama, with careful study of the metres of comedy and the development of the drama.
5. Wordsworth's Fragments and Specimens of Early Latin; Whitney's Life and Growth of Language.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The Iliad and the Odyssey entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.
2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's Rhythmic and Metric, and Haigh's Attic Theatre.
3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.
4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.
5. An equivalent amount from the Attic Orators, with the history of the period involved.
6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's Short History of the English People; Taine's History of English Literature; Arnold's Manual of English Literature; Hunt's or Minto's English Prose; Stedman's The Nature of Poetry, Victorian Poets, and Poets of America; Lanier's Science of English Verse; and a critical reading of the following: Ward's English Poets entire, or a total of about 3,000 pages (at least 20 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspere; Bacon's Essays, and an equal amount (i. e., about 200 pages each—a page to contain at least 300 words) from the works of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified

list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's *System of Logic*; Hamilton's or Bowen's *Logic*; Fowler's *Inductive Logic*; Ueberweg's *History of Philosophy*; Hamilton's *Metaphysics*; Bowen's *Modern Philosophy*. Plato's *Dialogues* (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's *Introduction to Ethics*; Sidgwick's *Methods of Ethics*.

POLITICAL SCIENCE.

Smith's *Wealth of Nations*; Mill's *Political Economy*; F. A. Walker's *The Wages Question*; Bowen's or Cary's *Political Economy*; Roscher-Lalor's *Political Economy*; Cossa's or Blanqui's *History of Political Economy*.

Amos's *Science of Law*; Woolsey's *Political Science*; Lieber's *Political Ethics*.

This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Deschanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoe's and Schorlemmer's *Treatise on Inorganic Chemistry*; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's *Text-Book*; Brooks's *Hand-Book of Invertebrate Zoology*; Parker's *Zootomy*; Works of Darwin and Spencer.

2. Botany: Sachs's *Text-Book*; Goodale's *Physiological Botany*; Arthur, Barnes, and Coulter's *Plant Dissection*; Gray's *Manual*.

3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediæval History.

Emerton's *Introduction to the Study of the Middle Ages* and Emerton's *Mediæval Europe* (these as a ground-work of study); Bryce's *Holy Roman Empire*; G. W. Cox's *Crusades* (Epoch Series); Oman's *Europe 476-918*; Kitchin's *History of France*, Vol. I. in topical study; Milman's *Latin Christianity*, Vols. III. to VII. inclusive, as to Papacy; Giesebrecht's *Die Deutsche Kaiserzeit*, for

topics concerning the Empire to death of Barbarossa (5 vols.); Waitz' *Deutsche Verfassungs geschichte*, Vols. V. to VIII. inclusive, or Rambaud's *Histoire de la Civilization Francaise*, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's *Larger History* as a preliminary; Freeman's *Norman Conquest*; Gairdner's *Houses of Lancaster and York*, Creighton's *Age of Elizabeth*, Gardiner's *Puritan Revolution*, and McCarthy's *Epoch of Reform*, all from the "Epoch Series". For topical reading; as to development of institutions, Stubb's *Constitutional History*, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Froude, Stanhope, and others.

3. Modern European History.

Ranke's *History of Germany in the Period of the Reformation*, and *History of France in the Sixteenth and Seventeenth Centuries*; Fyffe's *History of Modern Europe*; Morse Stephens' *Europe from 1789 to 1815*; from the "Epoch Series", Seebohm's *Era of the Protestant Revolution*, Creighton's *Age of Elizabeth*, Gardiner's *Thirty Years' War*, Morris' *Age of Anne*, and Longman's *Frederick the Great and the Seven Years' War*. For special topics, other reading offered to suit the individual case. Ability to use French and German books is not necessary, but highly advantageous.

4. American History.

Lodge's *History of English Colonies in America*, Frothingham's *Rise of the Republic*, and *Epochs of American History* (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's *Washington*, Morse's *Jefferson*, Schurz's *Clay*, Von Holst's *Calhoun*, Sumner's *Jackson*, and Morse's *Lincoln*; Rhodes' *History of the United States from the Compromise of 1850*, Vols. I. and II. As to special topics, Bancroft's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's *Histories* as required.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Any graduate of this College who has received the second degree may be examined for the degree of *Doctor of Philosophy* or *Doctor of Science*; but such degrees will be conferred only after satisfactory proof of the faithful and successful prosecution of courses of study fully equal in extent and quality to those required for similar honors in the best universities.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, and of subsequent degrees thirty dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

GENERAL SUMMARY.

Trustees,	25
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TEACHERS.

College of Letters and Science,	10
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STUDENTS.

College of Letters and Science, —

Graduate Students,	17
Senior Class,	21
Junior Class,	15
Sophomore Class,	21
Freshman Class,	28
Special Students,	5

Total,	107
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ACKNOWLEDGMENTS.

During the past year the University has received the following gifts:

For the College of Letters and Science: From Mrs. Kate A. L. Chapin, \$3,000 making, with previous payments, \$10,000 in payment upon a gift of \$30,000 to endow the Chapin Professorship of Mineralogy and Geology, founded in 1894 in memory of her husband, the late Professor James Henry Chapin, Ph. D., for many years a loved and honored member of the College Faculty.

From Mrs. Kate A. L. Chapin, \$500 to be used in paying for the Chapin-Andrews Collection of Minerals.

From William H. Andrews, Esq., \$2,500 to be used in paying for the Chapin-Andrews Collection of Minerals (see page 43).

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CATALOGUE
OF
SAINT LAWRENCE UNIVERSITY

CANTON, NEW YORK



1896-97

CANTON, NEW YORK
PUBLISHED BY THE UNIVERSITY

1897

PLAINDEALER PRINTERY, CANTON, N. Y.

GENERAL CALENDAR.

1896.

- Sept. 18, Friday, Second Entrance Examinations—College.
 Sept. 22, Tuesday, First Term began—College.
 Sept. 23, Wednesday, First Term began—Theological School.
 Nov. 26, Thursday, Thanksgiving Recess began.
 Nov. 30, Monday, Work resumed.
 Dec. 18, Friday, Christmas Recess began—College.

1897.

- Jan. 4, Monday, Christmas Recess ends—College.
 Jan. 28, Thursday, Term closes—Theological School.
 Winter vacation, twenty-seven days—Theological School.
 Feb. 13, Saturday, First Term closes—College.
 Feb. 15, Monday, Second Term begins—College.
 Feb. 24, Wednesday, Second Term begins—Theological School.
 Apr. 14, Wednesday, Easter Recess begins—College.
 Apr. 20, Tuesday, Easter Recess ends—College.
 Apr. 30, Friday, Tree Holiday—University.
 May 28, Friday, Field Day—University.
 June 5, Saturday, Senior Vacation begins—College.
 June 25, Friday, 9 a. m., First Entrance Examinations—College.
 June 26, Saturday, 9 a. m., Entrance Examinations continued—College.
 June 27, Sunday, Baccalaureate Sermons.
 June 28, Monday, 4 p. m., Meeting of Alumni Association.
 June 29, Tuesday, 9 a. m., Thirty-Seventh Commencement—Theological.
 June 29, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
 June 30, Wednesday, 9 a. m., Thirty-Third Commencement—College.
 June 30, Wednesday, 2 p. m., Commencement Dinner.
 June 30, Wednesday, 8 p. m., Reception—Alumni Association.

Summer Vacation, twelve weeks—College.

Summer Vacation, thirteen weeks—Theological School.

- Sept. 17, Friday, 9 a. m., Second Entrance Examinations—College.
 Sept. 18, Saturday, 9 a. m., Entrance Examinations continued—College.
 Sept. 20, Monday, 9 a. m., Matriculation of Freshmen.
 Sept. 21, Tuesday, First Term begins—College.
 Sept. 29, Wednesday, First Term begins—Theological School.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and "to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, the University embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two departments are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the departments. The by-laws of the corporation provide "that the College of Letters and Science is and shall "remain an unsectarian foundation * * * and that the Theological "School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of "the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858. The first class was graduated in 1861.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1864, the preparatory school was discontinued. The first class was graduated from the College in 1865.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$440,000, of which \$320,000 are endowment funds, has been the result of private benefactions.

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*This chair was founded in 1894 by Mrs. J. H. Chapin, in memory of her husband, for many years a loved and honored member of the College Faculty.

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DEGREES CONFERRED JUNE 24, 1896.

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John Allen Wells, <i>s</i> ,	<i>Massena Centre,</i>	23 Park St.
Isabel Williams, <i>s</i> ,	<i>Montclair, N. J.,</i>	15 Pine St.
Royden Williamson, <i>s</i> ,	<i>New York,</i>	<i>B Θ II House.</i>
Helen Woods, <i>p</i> ,	<i>Canton,</i>	Jay St.
<hr/>		
Georgia Mae Bacheller, <i>s</i> ,	<i>Canton,</i>	48 Park St.
Howard LeMoine Burklew, <i>s</i> ,	<i>Layland, O.,</i>	<i>A T.Ω Annex.</i>
George Fackerell Chambers, <i>s</i> ,	<i>Ogdensburg,</i>	23 Park St.
Edson Russell Miles, <i>a</i> ,	<i>Columbus, O.,</i>	<i>A T.Ω House.</i>
Mary Bradley Sherman, <i>s</i> ,	<i>Canton,</i>	11 Goodrich St.

SPECIAL STUDENTS.

Frank Ainsworth, Hist. 1, Biol. 1, Eng. A.	<i>Phoenix, Ariz.,</i>	College Hall.
Ledyard Cuyler Cross, French 1, Biol. 1, Eng. A, Parl. Law 1.	<i>Rochester,</i>	<i>B Θ II House.</i>
Roger Herbert Dennett, Germ. 1, Eng. 1, Physics 1, Chem. 2, Parl. Law 1.	<i>Belmont, Mass.,</i>	<i>A T.Ω House.</i>
Sumner Clinton Hurlbut, Germ. 3, Math. 1, Physiol., Geol., Eng. C.	<i>Heuvelton,</i>	23 Park St.
Ione Alena Jillson, French 1, Math. 1, Biol. 1, Hist. 1, Eng. A.	<i>Edenton,</i>	101 Main St.
Kathleen McCormick, French 1, French 3, Germ. 1, Germ. 3, Biol. 1, Eng. C.	<i>Canton,</i>	23 Judson St.
Veva Etheline Potter, French 1, Eng. A.	<i>Canton,</i>	75 Park St.
Frank Celian Prescott, Germ. 1, Hist. 1, Biol. 1, Eng. A.	<i>Canton,</i>	18 Goodrich St.
Henry Merkley Sackrider, Germ. 1, Biol. 1, Hist. 1, Eng. A.	<i>Canton,</i>	18 Miner St.
Grace Greenwood Salls, Germ. 1.	<i>Canton,</i>	46 State St.
Edgar Augustus Sheldon, Germ. 3, Math. 1, French 1, Geol.	<i>Chateaugay,</i>	<i>A T.Ω House.</i>
Lucius Sherman, Jr., Physiol., Phys. 1, Chem. 2.	<i>Canton,</i>	25 Miner St.
Caroline Louise Sumner, French 3, Latin 3, Math. 3, Physiol., Parl. Law 1, Eng. C.	<i>Moirs,</i>	6 Goodrich St.
Eliza Loraine Thomas, Eng. A., French 1, Biol. 1.	<i>North Russell,</i>	75 Park St.
Waldo Whitney, Germ. 1, Physics 1, Hist. 1, Parl. Law 1.	<i>So. Boston, Mass.,</i>	45 Park St.

ADMISSION.

Candidates may be admitted to the Freshman Class on examination, on the credentials of the State Board of Regents, or on certificates of principals of approved preparatory schools.

The University offers entrance examinations in the following subjects, but not all of these subjects will be required of any one candidate. The specific requirements for admission to the several courses will be found stated on pages 17 and 18.

LATIN:—

I. Grammar (Allen and Greenough's or Harkness's), including prosody; translation into Latin of a connected passage of English narrative based on the authors read and containing only familiar words and idioms.

II. Cæsar's Gallic War, Books I-IV.

III. Vergil's *Æneid*, Books I-VI.

IV. Cicero's four orations against Catiline and those for Archias and the Manilian Law.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronounciation is used.

GREEK:—

I. Grammar (Goodwin's or Hadley's) including prosody; translation into Greek (with accents) of simple sentences based on the *Anabasis*.

II. Xenophon's *Anabasis*, 3 books.

III. Homer's *Iliad*, 3 books; or Plato's *Apology* and *Crito*.

FRENCH:—

I. Grammar (Keetel's or Edgren's preferred); ability to render connected English passages into French; ability to translate into idiomatic English such works as Halevy's *L'Abbé Constantin*; Moliere's *L'Avare* and *Les Précieuses Ridicules*.

II. Translation of such works as George Sand's *La Petite Fadette*; Racine's *Athalie* and *Esther*; Feuillet's *Le Roman d'un Jeune Homme Pauvre*.

III. Translation of such works as Victor Hugo's *Quatre-vingt-treize* and *Notre Dame de Paris*; St. Simon's *Mémoires* (A. N. Van Daell's edition); de Stael's *Corinne*.

GERMAN:—

I. Grammar (Collar's Eysenbach preferred); ability to translate a connected passage of English prose into idiomatic German; translation into good English of such works as Hauff's *Das Kalte Herz*; Storm's *Immensee*; Von Hillern's *Höher als die Kirche*.

II. Translation of such works as Bernhardt's *Novelletten Bibliothek*; Schiller's *Die Jüngfrau*, *Maria Stuart*, and *Wilhelm Tell*; Lessing's *Minna von Barnhelm*.

III. Translation of such works as Lessing's *Nathan der Weise*; Goethe's *Hermann und Dorothea*, *Faust*, Part I, and *Iphigenie auf Tauris*.

ENGLISH:—

I. English Language and Literature. The candidate will be required to show satisfactory evidence that he has pursued a course of study in Analysis, English Composition, Rhetoric, and English and American Literature, equivalent to the First Year and Second Year English in the usual high school course. Note-books and exercises in composition or other written work done in such a course, properly certified by his instructor, may be offered as evidence of the candidate's proficiency. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs. The works of English and American authors, presented for this requirement, must not include those named below for the examination in English II.

II. English Reading. In addition to the general requirement described above, the candidate must have made special preparation upon certain books, to be announced from year to year. The examination will be divided into two parts:

A.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to show the candidate's power of clear and accurate expression.

The books prescribed for this part of the examination will be:

1897—Shakspeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Hawthorne's *Twice Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

1898—Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I and XXII; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

1899—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

B.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, literary form, and grammatical and logical structure.

The books prescribed for this part of the examination will be:

1897—Shakspeare's *The Merchant of Venice*; Burke's *Speech on Conciliation with America*; Scott's *Marmion*; Macaulay's *Life of Samuel Johnson*.

1898—Shakspeare's *Macbeth*; Burke's *Speech on Conciliation with America*; DeQuincey's *The Flight of a Tartar Tribe*; Tennyson's *The Princess*.

1899—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Conciliation with America*; Carlyle's *Essay on Burns*.

III. Regents' credentials covering ten academic English counts will be accepted as an equivalent for English I and English II.

MATHEMATICS:—

I. Arithmetic, including the Metric System. A thorough and complete knowledge of the subject is required.

II. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics.

III. Plane Geometry.

HISTORY AND CIVIL GOVERNMENT:—

I. History of Greece and Rome (Myers' *Ancient History* or an equivalent).

II. American History.

III. General History.

IV. English History.

V. Advanced U. S. History.

VI. Civics.

SCIENCE:—

I. Physiology and Hygiene (Martin's *Brief Course on the Human Body*, or equivalent).

II. Physical Geography.

III. Botany.

IV. Chemistry, Part I.

V. Chemistry, Part II.

VI. Physics, Part I.

VII. Physics, Part II.

VIII. Astronomy.

IX. Geology.

X. Zoology.

REQUIREMENTS FOR ADMISSION.

I. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS.

Candidates for admission to the course leading to the degree of Bachelor of Arts must present of the above list:—Mathematics I, II and III; English I and II; History I and II; Science I; and one of the following groups:—

- A. Latin I, II, III and IV, and Greek I, II and III.
- B. Latin I, II, III and IV, and German I, II and III.
- C. Latin I, II, III and IV, and French I, II and III.

2. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Candidates for admission to the course leading to the degree of Bachelor of Science must present:—Mathematics I, II and III; English I and II; History I and II; Science I; and one of the following groups:—

- A. Latin I and II.
- B. German I and II.
- C. French I and II.

Candidates for admission to this course must present, in addition to the above, any eight subjects taken from the following list:

Physical Geography; Botany; Zoology; Geology; Chemistry, Part I; Chemistry, Part II; Physics, Part I; Physics, Part II; General History; English History; Advanced U. S. History; Civics. A third year of Latin, French, or German may be substituted for any two of these subjects.

GENERAL REMARKS.

The conditions stated above require that any candidate for admission to a course leading to a degree must have, in addition to the pre-academic or grammar school studies, a four years' high school preparation, or a full equivalent, embracing the specific subjects named.

In lieu of examinations the following will be accepted:—

I. The pass-cards, certificates and academic diploma of the State Board of Regents for the subjects which they cover. Such credentials will not, however, be accepted for advanced standing.

II. The certificates of principals of approved preparatory schools will admit students on probation, but such certificates must state specifically the subjects in which the candidate has passed satisfactory examinations covering the requirements as stated.

Such certificates should be filed with the Recorder at least two weeks prior to the regular entrance examinations. Forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they desire to enter.

Candidates from other colleges will be required to present certificates of dismissal in good standing.

Persons of proper age and character may be admitted as special students, not candidates for a degree, and may elect such studies as they are qualified to pursue. They must file with the Recorder certificates of their previous work.

The regular examinations of candidates for admission will be held at College Hall on the Friday and Saturday preceding Commencement and on the Friday and Saturday preceding the opening of the College. (For dates see calendar on page 3).

Further information may be had upon application to the Recorder.

COURSES OF STUDY.

I. LEADING TO THE DEGREE OF BACHELOR OF ARTS.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week.

COURSE A.—FOR STUDENTS ADMITTED ON LATIN AND GREEK.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Greek 1 (four hours); Latin 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours—Greek 2 (four hours); Latin 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—Greek 3 or Latin 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Greek 3 (three hours); Latin 3 (three); German 1 (four); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—Greek 4 or Latin 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Greek 4 (three hours); Latin 4 (three); German 2 (four); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

COURSE B.—FOR STUDENTS ADMITTED ON LATIN AND GERMAN.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 (four); English A (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A.

SECOND TERM.

Prescribed, four hours.—Psychology 1

Elective, eleven hours.—As in Course A.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A.

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A.

COURSE C.—FOR STUDENTS ADMITTED ON LATIN AND FRENCH.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A.

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—As in Course A.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A.

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A.

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week. Students admitted on French will take German in the Freshman and in the Sophomore year; those admitted on German will take French; those admitted on Latin, either French or German.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (four hours); English A (one); Mathematics 1 (four); Biology 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (four hours); English B (one); Mathematics 2 (four); Biology 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—French 3 (three hours); German 3 (three); Mathematics 3 (three); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—French 4 (three hours); German 4 (three); English D (two); Mathematics 4 (three); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

III. LEADING TO THE DEGREE OF BACHELOR OF PHILOSOPHY

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week. This course will not be open to students entering College hereafter.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 or German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 or German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

DEPARTMENTS OF INSTRUCTION.

LATIN

Professor HARDIE.

Latin is a required subject during the first year of the courses leading to the degrees of Bachelor of Arts and Bachelor of Philosophy and is elective during the three following years. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

HONORS.—Candidates for honors in this department are required to present a thesis in Latin upon some topic in connection with the work of the department. The honor examination will consist of the rendering and critical interpretation of a passage chosen from a Latin author; questions on the history of the Latin language and literature; and the discussion of topics in connection with the political and social institutions of the Romans, their art and architecture, mythology, religion and philosophy, and the national characteristics of the people.

LATIN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 3.

Cornelius Nepos; Livy, Book XXI; Miller's Latin Prose Composition; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sentence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 3.

Cicero, *De Senectute* and *De Amicitia*; Plautus, *Captivi*; Writing Latin.

This term's work serves as an introduction to the study of Cicero's philosophical works. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus. Translation of Latin at sight and the translation of English narrative into Latin are continued. Careful attention is given to the study of Latin style and idiom.

LATIN 3.—I. Mo. We. Fr. at 2.

Horace's Odes and Epodes; Tacitus, *Agricola*.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire.

LATIN 4.—II. Mo. Tu. Th. at 2.

Horace's Satires and Epistles.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms are discussed. Indications of his personal characteristics and opinions, and of the social and political conditions of his time are all carefully noted.

LATIN 5.—I. Mo. Tu. Th. at 10.

Elegiac Poets.

In this course selections are read from Catullus, Tibullus, Propertius and Ovid.

LATIN 6.—II. Tu. Th. at 10. Sa. at 9.

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual development of the language is then followed with special reference to its bearing upon Roman character and institutions. Reading of portions of selected authors and consultation of histories of literature in the classical library are required in connection with the lectures of the course.

LATIN 7.—I. Mo. We. Fr. at 11.

Lucretius, *De Rerum Natura*.

In this course the Epicurean philosophy is studied as set forth in the work named. The author is also considered from a literary standpoint. A portion of the time is devoted to a study of the history of ancient philosophy, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 8.—II. Mo. We. Fr. at 11.

Latin Grammar, Historical and Theoretical.

A study of the origin and nature of various constructions, with illustrations from some of the more familiar authors. This course is designed especially for students who expect to teach Latin.

WRITING LATIN.

An opportunity is provided during the Junior and Senior years for practice in writing Latin. Selections from standard English authors are used for translation, and practice is also given in original composition in imitation of the best prose models. At least two terms' work in writing Latin in addition to the amount prescribed is required of candidates for honors in this department.

GREEK.

Professor FOSTER.

Greek is a prescribed subject during the Freshman year for those who have presented it upon entrance, and is elective during the Sophomore and Junior years. Instruction in this department is confined chiefly to the careful reading of representative writers. Grammatical criticism and exercises in writing Greek are recognized as means to an end, the end being the appreciation of Greek literature and, through it, of Greek thought. In rendering Greek, the use of idiomatic English is required, not, however, to the detriment of the style and spirit of the original. In this way the study of Greek is made to contribute to the discriminating use of English. Students in the Greek courses are entitled to the privileges of the classical library.

GREEK 1.—(Prescribed) Fresh. I. Tu. We. Th. Fr. at 9.

Select Orations of Lysias. Writing Greek.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. In this course special attention is given to the syntax of the moods and tenses; and one hour each week is devoted to writing Greek and kindred exercises. Before the end of the term the *Memorabilia* is begun.

GREEK 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 9.

Selections from Xenophon's *Memorabilia* of Socrates; Plato's *Apology* of Socrates, and *Crito*. Writing Greek.

The life and teachings of Socrates and related matters are carefully studied. Toward the close of the term a comedy is taken up. Increased attention is given to translation at sight and the attainment of facility.

GREEK 3.—I. Mo. We. Fr. at 3.

Demosthenes de Corona; with a study of the period involved.

Special attention is given to appreciative reading of the Greek text and effective rendering. A sound understanding of the political situation and of the events referred to in the argument is required, and supplementary reading indicated.

GREEK 4.—II. Tu. We. Fr. at 11.

Greek Tragedy; with a study of the Attic Theatre and related topics. The authors ordinarily taken up are Æschylus and Sophocles. Sup-

plementary reading is prescribed. Particular attention is given to the metrical reading of the Greek dialogue.

GREEK 5 and 6.—I. Tu. and Th. at 3; II. Mo. We. at 3.

These courses are designed to give a more perfect mastery to students already interested and proficient. The details of the programme are determined by the instructor after consultation with the class. The work commonly includes a thorough course in writing Greek, consisting in part of original composition, with regard for style as well as formal correctness. Translation at sight is made a prominent feature. Selections from Homer and from the Elegiac and Lyric poets are studied, with particular attention to metres and the metrical reading of Greek verse. A comedy is sometimes read.

FRENCH.

Professor LIOTARD.

French is a required subject during the first two years in Course B, and in the Scientific course is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin. The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 9.

Keetel's Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—(Prescribed) Fresh II. Mo. Tu. We. Th. at 9.

Keetel's Grammar concluded; Lamé Fleury's Mythology, or Perrault's Fairy Tales; Racine's Esther or Athalie.

This course consists of the reading and translation of easy French; some of the best passages of the famous French tragic author are committed to memory.

FRENCH 3.—(Prescribed) Soph. I. Mo. at 11; Tu. Th. at 8.

Molière's L'Avare; La Neuvaïne de Colette; Le Roman d'un Jeune Homme Pauvre.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV, and from the works of some of the modern novelists.

FRENCH 4.—(Prescribed) Soph. II. Mo. at 11; Tu. Th. at 8.

Les Mémoires de St. Simon; Victor Hugo's Quatre-vingt-treize; Balzac's Le Curé de Tours.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—(Elective—open to those who have completed course 4)
I. Tu. Th. at 2.

Writing French.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—(Elective—open to those who have completed course 5)
II. Tu. Th. at 2.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first two years in Course C, and in the Scientific course is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction are similar to those used in the French courses above described.

GERMAN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 10.

Collar's Eysenbach, with copious exercises in the translation of English into German.

GERMAN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 10.

Collar's Eysenbach concluded; Höher als die Kirche; Immensee; Schiller's Der Neffe als Onkel.

GERMAN 3.—(Prescribed) Soph. I. Mo. We. Fr. at 8.

Schiller's Jungfrau and Maria Stuart.

GERMAN 4.—(Prescribed) Soph. II. Mo. We. Fr. at 8.

Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell.

GERMAN 5.—(Elective—open to those who have completed course 4)
I. Tu. Th. at 3.

Lessing's Nathan der Weise; Goethe's Iphigenie auf Tauris; selections from modern novelists.

GERMAN 6.—(Elective—open to those who have completed course 5)
II. Tu. Th. at 3.

Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

President LEE, Professor GAINES, and Professor FOSTER.

ENGLISH A—(Prescribed) Fresh. I. Fr. at 10. Professor FOSTER.

The aim in this course is to increase by exercise the student's control of his mother tongue. Each week a portion of the hour for recitation is devoted to writing on subjects then announced; the remainder, to general criticisms. Weekly readings, drawn generally from masterpieces of English prose fiction, supply the basis for these exercises.

Another feature is the writing of essays, which, as well as the weekly themes, are subjected to criticism and returned with the instructor's comments.

ENGLISH B—(Prescribed) Fresh. II. Sa. at 9. Professor FOSTER.

The aim and methods here are the same as in English A. The weekly readings are chiefly taken, however, from the great essayists, whose style thus first comes under observation.

ENGLISH C—(Prescribed) Soph. I. Tu. Th. at 2. President LEE.

Lectures are given upon the principles of English composition as related to the powers of observation, imagination and reasoning. Daily theme-writing is required for a part of the term, and longer exercises at frequent intervals. Special effort is made to develop the student's originality of thought and expression.

ENGLISH D—(Elective, two hours—open to those who have completed English C) Tu. Th. at 10. President LEE.

Careful study will be made of the systematic plan and logical development of the various kinds of discourse. Outlines will be prepared and criticised, and from these whole compositions will be constructed.

PARLIAMENTARY LAW AND DEBATE 1.—(Elective) I. Two hours—We. Fr. at 8.

PARLIAMENTARY LAW AND DEBATE 2.—(Elective) II. Two hours—We. Fr. at 8.

Professor FOSTER.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of or-

der are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary, and carefully prepared models are furnished for minutes, reports, resolutions, etc.; all written work is subject to revision by the instructor. Frequent debates are held upon practical questions, and all members are required to take part to a reasonable extent. The speeches are usually from fifteen to thirty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticized by the instructor at the close of each debate. Mere rhetoric and empty display are discountenanced, and a thoroughly practical and business-like style of speaking is inculcated; it is a constant aim to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best.

ENGLISH 1.—(Elective, three hours) I. Tu. Th. at 11; hours for writing to be arranged.

ENGLISH 2.—(Elective, two hours—open to those who have completed course 1) II. We. Th. at 9.

President LEE.

These courses are designed to give an adequate introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced courses which follow. The development of English literature is treated historically in a series of lectures (two hours a week during the first term, and one hour during the second term). Blackboard tabulations are used, students are required to take notes, frequent oral examinations are held, and a written examination is given at the close of each term. Parallel with the lectures is a prescribed course of reading, covering about the same ground and amounting to at least 3,000 pages. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed; but a moderate amount of election is allowed, that the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. Students are required

to prepare and present careful abstracts of everything read in the course, and to write numerous critiques under the supervision of the instructor and subject to searching criticism.

ENGLISH 3.—(Elective, one hour—open to those who have taken course 1) I. We. at 10.

Free election from the full selection list. This course is designed to supplement course 1.

ENGLISH 4.—(Elective, one hour—open to those who have taken courses 1 and 2) I. We. at 10.

Shakspeare and the Elizabethan drama: selected plays.

ENGLISH 5.—(Elective, one hour—open to those who have taken courses 1 and 2) I. We. at 10.

Dramatic literature in general: selected plays, including some translations.

ENGLISH 6.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

Largely free election from the list, but with certain requirements preliminary to course 7.

ENGLISH 7.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations, and with reference to the best English criticism.

ENGLISH 8.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

English prose writers, especially the essayists.

RHETORIC 1.—(Elective) Sen. I. Tu. Th. at 3.

RHETORIC 2.—(Elective) Sen. II. Tu. Th. at 3.

Professor GAINES.

These courses are continuous, and if the subject is elected it must be pursued throughout the year. The topics taken up during the first term are,—conviction, the finding and arranging of arguments; and persuasion, the arousing of the emotions and the influencing of the will.

The second term is devoted to the study of style and its qualities, and to elocution in relation to reading and speaking. The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's Elements is taken as a convenient basis. A large amount of written work is required.

MATHEMATICS.

Professor FORD.

Mathematics is a required subject during the Freshman year. During the Sophomore and Junior years elective courses are offered.

The instruction offered in this department is intended to aid in the development of exact, concise, and independent reasoning, to cultivate the imagination and to inspire habits of original and independent thought. At the same time it is intended to afford those students who are desirous of doing advanced work in either Mathematics or Physics an opportunity for securing the necessary preliminary equipment. The student is taught from the beginning that memory, although an important factor in Mathematical study, is secondary to originality and invention.

In courses 1 and 2 special attention is given to a thorough drill in the subjects pursued. The work comprises the study of a text book, with recitations and frequent reviews, supplemented by lectures and original work. In all elective courses the subjects are developed by lectures accompanied by a careful and systematic questioning of the student during the progress of the lecture. Many problems are solved and original demonstrations required. Frequent recitations are given, the object of the recitation being to test the student's ability to apply readily what he has learned, rather than a repetition of the work previously developed by the lectures. Text books are used both for study and for reference. Courses 5 and 6 will alternate with other courses to be provided, thus enabling a student to do work in the department throughout his course.

MATHEMATICS I.—(Prescribed) Fresh. I. Mo. Tu. Th. Fr. at 11.

Algebra.

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, general properties of equations.

MATHEMATICS 2.—(Prescribed) Fresh. II. Mo. Tu. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of Solid Geometry, the solution of numerical applications and original problems is required. In Trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 3.—(Elective) Soph. I. Mo. Tu. Th. at 9.

Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—(Elective) Soph. II. Mo. We. Fr. at 9.

Elements of Calculus.

The work will include simple and successive differentiation of explicit and implicit functions with application to the expansion of functions, evaluation of indeterminate forms and maxima and minima, and the integration of simple forms, with application. The course is designed to give enough of the elements of the subject to enable the student to take up intelligently a more thorough and systematic study of the Calculus, and of its application to physical and mechanical problems.

MATHEMATICS 5.—(Elective) I. We. Fr. at 10. Sa. at 9.

Calculus and Modern Analytic Geometry.

In this course an opportunity is given to those who have taken course 4 to pursue the study of Calculus further. Special topics, necessarily omitted from the preceding course, are treated. In the latter half of the term some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates.

MATHEMATICS 6.—(Elective) II. Mo. We. Fr. at 10.

Determinants and the Theory of Equations.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed.

MATHEMATICS 7.—(Elective) II. (Hours as arranged).

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

ASTRONOMY.

Professor FORD.

ASTRONOMY 1.—(Elective) I. Mo. Tu. Th. at 8.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental principles, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies.

ASTRONOMY 2.—(Elective) II. Tu. Th. at 10.

Spherical and Practical Astronomy.

In this course the study of the theory of instruments is taken up, astronomical problems are solved, and practical work with instruments (including a thirteen-inch reflecting telescope, presented to the College by Henry C. Maine, of Rochester), is pursued as far as the present facilities permit.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject in the second term of the Sophomore and the first term of the Junior year, and a complete course is given. For those who desire to do more advanced work in this department, elective courses are offered. Chemistry is required during the first term of the Sophomore year, and three terms of elective work are offered. In both subjects, the prescribed work consists partly of textbook study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Soph. II. Tu. Th. Sa. at 9.

PHYSICS 2.—(Prescribed) Jun. I. Mo. We. Fr. at 11.

General Physics.

These two courses are continuous. A text book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—(Elective) Jun. II. We. Fr. from 9 to 11.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—(Elective) Sen. I. Tu. Th. from 2 to 4.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instruments of precision, accurate quantitative work in Mechanics, and the experimental verification of physical formulae. In the second term more advanced work in Heat, Light and Electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. I. Tu. Th. at 11, and We. Fr. from 9 to 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 2.—(Elective) Soph. II. Mo. We. Fr. from 2 to 4.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts Minerals, and Food Products.

CHEMISTRY 3.—(Elective) Jun. I. Mo. We. Fr. from 2 to 4.

Quantitative Analysis: Gravimetric and Volumetric Analysis; Analysis of Salts, and common Natural Products.

CHEMISTRY 4.—(Elective) Jun. II. Tu. Th. from 2 to 4.

Quantitative Analysis: Analysis of Water, Dairy and Food Products.

The above elective work is almost entirely in the laboratory, under the direction and supervision of the instructor. Note-books are frequently examined, and written work is assigned. The laboratory is well supplied with fine balances, graduated glassware, and apparatus for special analysis.

NATURAL SCIENCE.

Professor PRIEST and Professor FORD.

BIOLOGY 1.—(Prescribed, Scientific, Fresh. I; Elective in other courses) Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific, Fresh. II; Elective in other courses) Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

In this course the subject is pursued in more detail; with practical work, and lectures on natural selection, evolution, heredity, etc.

PHYSIOLOGY AND HYGIENE.—(Soph. I. Mo. Tu. Th. at 10, Sa. at 9. Professor PRIEST.

Martin's "The Human Body" (Advanced Course) is used as a text-book, and is largely supplemented by lectures and practical work.

GEOLOGY.—(Elective) Soph. I. Mo. Tu. Th. at 10. Professor FORD.

Dynamical, structural, and historical geology are studied in the order named. A short time is also devoted to the principles of economic geology. The geological formations of the region are of unusual interest; out-door work is done while the season permits; and the excellent collections, belonging to the University, of fossils, minerals, and specimens illustrating the various rock formations, add greatly to the effectiveness of the department.

MINERALOGY.—(Elective) Soph. II. Mo. at 10, and Tu. Th. from 10 to 12. Professor PRIEST.

The instruction consists, partly in the study of a text-book, with recitations, and partly in practical work with minerals. Models of crystals

and the excellent mineralogical collection founded by the late Professor J. H. Chapin (in whose memory a chair of Geology and Mineralogy has recently been established) are used for illustration. Special attention is given to the more common ores and useful minerals, in which the region is rich. About one-half the time is devoted to blow-pipe analysis.

POLITICAL SCIENCE AND HISTORY.

Professor GAINES and Professor FOSTER.

In the work in History, stress is laid upon institutions, cause and effect, and the interdependence of nations and of ideas. The required work concerns itself with general history, while in the elective courses definite periods are made the subject of consideration. In all courses emphasis is laid upon individual work and the methods used are in accordance with this idea.

HISTORY 1.—(Prescribed) Fresh. I. Mo. We. Fr. at 2. Professor FOSTER.

Ancient History.

Myers' Ancient History (or an equivalent) being required for entrance, no attempt will be made to follow the general narrative of this period, in greater detail. The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 2. Professor FOSTER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

Text books are used in courses 1 and 2, but the students are required to make frequent use of standard authorities.

HISTORY 3.—(Prescribed) Soph. II. Tu. Th. Fr. at 3. Professor FOSTER.

English History.

This course covers the political and constitutional history of England

down to recent times. The course aims to present the growth and development of Anglo-Saxon institutions, especial emphasis being given to their bearing on American History. The main movements of continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. A thesis is required.

HISTORY 4.—(Elective, two hours) I. Tu. Th. at 8. Professor FOSTER.
American History down to 1829.

HISTORY 5.—(Elective, two hours) II. Tu. Th. at 8. Professor FOSTER.
American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories constitute the basis of the work. A thesis is required.

HISTORY 6.—(Elective, three hours) I. Mo. Tu. Th. at 10. Professor FOSTER.

European History from the French Revolution.

In this course the main movements in European life during the last century are studied, together with the influence of the French Revolution, the Napoleonic Wars, and the struggles for liberal constitutions and the Reconstruction of Europe. Thesis.

HISTORY 7.—(Elective, three hours) II. Mo. We. Fr. at 10. Professor FOSTER.

International Law and Diplomacy.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given to enable the student to appreciate and understand the current discussion of questions along these lines.

ECONOMICS 1 and 2.—(Prescribed) Sen. I and II. Mo. We. Fr. at 9. Professor GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures.

Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

SOCIOLOGY.—(Elective, three hours) Sen. II. (Hours to be arranged).
Professor FISHER.

Students who are especially interested in social science, and who are already well grounded in the principles of political economy, may, upon application approved by the instructor, be admitted to Professor Fisher's course in sociology.

PHILOSOPHY.

Professor GAINES.

PSYCHOLOGY 1.—(Prescribed) Jun. II. Mo. Tu. We. Th. at 11.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

PSYCHOLOGY 2.—(Elective) Sen. I. Mo. We. Fr. at 3.

This course embraces a brief history of philosophy, ancient and modern, physiology in its relations to psychology, and psychology and ontology. These subjects are treated partly in lectures, partly by study of a text-book and recitations, and partly by prescribed collateral reading. Frequent oral reviews are given, and a series of theses is required.

LOGIC 1.—(Prescribed) Sen. I. Tu. Th. Sa. at 9.

This course is mainly devoted to *deductive* reasoning, its conditions and legitimate procedure. It is the aim to study the subject, rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon (with constant critical discussion of each topic treated), with occasional lectures. Numerous reviews and examinations, both oral and written, are given. The topics thus treated embrace:—terms, their kinds and their defects; propositions, their kinds, critical interpretation, and transformations; the syllogism, its rules, forms, and transformations; fallacies, their kinds, and their analysis and detection.

LOGIC 2.—(Elective) Sen. II. Mo. We. Fr. at 3.

In this course *inductive* logic is treated. The methods used are similar to those above described:—the study of a text, with recitations, critical analysis, lectures, and a series of oral and written exercises. First is a critical study of the grounds of validity in inductive reasoning, then observation, experience, and hypothesis are carefully studied; this is followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. II. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

GENERAL INFORMATION.

SITUATION.

The University is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the institution, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Tuesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Friday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to

young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time. Each student is expected to attend regularly the Sunday services of the church of his choice.

Devotional exercises are conducted four times a week in the University Chapel, and all students are required to attend. Attendance at these exercises is under the supervision of the College Senate, consisting of four Seniors, three Juniors, two Sophomores, and one Freshman, with the President of the College as chairman.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given at the same time and also at the time for holding the examinations for entrance, but at no other time. Students desiring to avail of such examinations must make application at least three days before the appointed time.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly ten thousand volumes and several thousand pamphlets, comprising all classes of subjects and including many rare and valuable books. The library is open during the afternoon, Tuesdays, Wednesdays, Thursdays, and Fridays, throughout the College year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information

application should be made to the Librarian (see page 7). The library is contained in Herring Library Hall, a substantial fire-proof building with a capacity of 60,000 volumes, erected by the late Silas C. Herring, of New York City. The library has for the purchase of books the income of a fund of one thousand dollars, the gift of a friend who wishes for the present to remain unknown. Donations of books and money will be gratefully acknowledged.

SPECIAL LIBRARIES.

A study-room, furnished with a special library of classic texts, reference books, maps, etc., is provided for the use of students in the classical courses. Books in this library are intended for reference chiefly, but may be taken from the room between 5 p. m. and 9 a. m. by permission of a professor of the department (see page 24). A special library is also furnished for the use of students in the literature courses (see page 32). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 37). On the third floor is the biological laboratory. Improvements made the present year have much increased the conveniences for laboratory work in all departments of scientific study. There is a valuable collection of rocks and fossils, illustrating the various geological formations. In addition to the general collection of minerals, the College owns the Chapin-Andrews Collection of Minerals. This collection is a valuable and unique one, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

Through the generous subscriptions of a number of the Alumni and other friends, a new Gymnasium has been erected on the campus. It is

a handsome and commodious building, eighty-two by forty feet, situated south of College Hall, and comprises a large gymnasium hall above, equipped with apparatus for present use, and ample dressing-rooms below, fitted with individual lockers. The gymnasium was opened for use on the twentieth of January, 1897, and daily gymnastic training is given, under the direction of Professor Ford.

PRIZES.

Prizes in money or books are given for special excellence in various branches of the college work.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the best work in debate.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the most complete and exact knowledge of parliamentary law as evinced on examination.

Two prizes, of fifteen dollars and ten dollars respectively, for the best work in declamation, are this year offered to the young women of the College by Mr. Norman Anthony, of Galesburg, Illinois. Mrs. Helena Crumett Lee offers two months' training in elocution and physical culture to the competitors for these prizes.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President. A moderate fee will hereafter be charged for the use of the Gymnasium.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.00 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills will be made out by the Treasurer; each bill will contain one-half the annual charges. The first bill will be delivered December 1st, and must be paid at the Treasurer's office, on or before January 1st; the second bill will be delivered May 1st, and must be paid on or before June 1st. Students who leave College before graduating must pay in full all College bills at the time of leaving.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders.

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D. D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000, the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., Treasurer of the University.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications should be made, has sole power to nominate candidates for these scholarships. The Board is restricted, however, to the nomination of such as are actually members of the said institute, and shall certify that in their

opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship from such Board, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the President.

FINAL HONORS.

Honors are conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments are printed in honor lists on the Commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, AND PHILOSOPHY.

Candidacy for Honors is determined on the basis of grades, and the unit of reckoning is the term-hour, i. e., work involving one hour per

week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, are eligible for Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department are eligible for Honors in that department. Every candidate for honors is required to pass with distinction a special honor examination in the work of the department in which he is a candidate for honors and also to pass with credit a thorough examination on a special topic connected with the line of study in which he is a candidate for Honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. Candidates for honors must indicate the departments in which they seek honors prior to March 1st of their Senior year. Honor examinations are held during the last week in May, and all other honor work must be completed before that time. Final honors are awarded by the Faculty at discretion upon evidence of superior qualifications demonstrated in the manner stated.

Recipients of Honors or Highest Honors who attain an average grade of at least 80 in all departments, will receive a degree with distinction under the following conditions. Those who receive Highest Honors in three departments will be given a degree with the distinction *summa cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*.

DEGREES.

The requirement for graduation is the completion of a four years' College course, with a satisfactory grade in all the prescribed studies and in the required number of term-hours of elective work, and the presentation of a thesis.

The degree of Bachelor of Arts will be conferred upon any candidate who, having satisfied the requirement for admission, has completed Course A, Course B, or Course C. (See pages 19, 20, 21).

The degree of Bachelor of Science will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 22).

The degree of Bachelor of Philosophy will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 23). The degree

of Bachelor of Philosophy will not, however, be open to students entering College hereafter.

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

Any *three* of the following courses may be chosen. An original thesis in Latin on some topic in connection with the line of study chosen is required.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.
2. Tacitus, Annals, Bks. I.-VI. (Furneaux's edition); Selections from Suetonius; Merivale's History of the Romans under the Empire, with careful study of the character of Tiberius and the political institutions of the Early Empire.
3. Cicero, De Finibus; Mayor's History of Ancient Philosophy; Zeller's Stoics, Epicureans, and Sceptics.
4. Four comedies each of Plautus and Terence; Moulton's The Ancient Classical Drama, with careful study of the metres of comedy and the development of the drama.
5. Wordsworth's Fragments and Specimens of Early Latin; Whitney's Life and Growth of Language.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The Iliad and the Odyssey entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.
2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's Rhythmic and Metric, and Haigh's Attic Theatre.
3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.
4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.
5. An equivalent amount from the Attic Orators, with the history of the period involved.
6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's Short History of the English People; Taine's History of English Literature; Arnold's Manual of English Literature; Hunt's or Minto's English Prose; Stedman's The Nature of Poetry, Victorian Poets, and Poets of America; Lanier's Science of English Verse; and a critical reading of the following: Ward's English Poets entire, or a total of about 3,000 pages (at least 20 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspeare; Bacon's Essays, and an equal amount (i. e., about 200 pages each—a page to contain at least 300 words) from the works of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's System of Logic; Hamilton's or Bowen's Logic; Fowler's Inductive Logic; Ueberweg's History of Philosophy; Hamilton's Metaphysics; Bowen's Modern Philosophy. Plato's Dialogues (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's Introduction to Ethics; Sidgwick's Methods of Ethics.

POLITICAL SCIENCE.

Smith's Wealth of Nations; Mill's Political Economy; F. A. Walker's The Wages Question; Bowen's or Cary's Political Economy; Roscher-Lalor's Political Economy; Cossa's or Blanqui's History of Political Economy.

Amos's Science of Law; Woolsey's Political Science; Lieber's Political Ethics.

This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Descanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoc's and Schorlemmer's Treatise on Inorganic Chemistry; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's Text-Book; Brooks's Hand-Book of Invertebrate Zoology; Parker's Zootomy; Works of Darwin and Spencer.

2. Botany: Sachs's Text-Book; Goodale's Physiological Botany; Arthur, Barnes, and Coulter's Plant Dissection; Gray's Manual.

3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediæval History.

Emerton's Introduction to the Study of the Middle Ages and Emerton's Mediæval Europe (these as a ground-work of study); Bryce's Holy Roman Empire; G. W. Cox's Crusades (Epoch Series); Oman's Europe 476-918; Kitchin's History of France, Vol. I. in topical study; Milman's Latin Christianity, Vols. III. to VII. inclusive, as to Papacy; Giesebrecht's Die Deutsche Kaiserzeit, for topics concerning the Empire to death of Barbarossa (5 vols.); Waitz's Deutsche Verfassungsgeschichte, Vols. V to VIII inclusive, or Rambaud's Histoire de la Civilization Francaise, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's Larger History as a preliminary; Freeman's Norman Conquest; Gairdner's Houses of Lancaster and York, Creighton's Age of Elizabeth, Gardiner's Puritan Revolution, and McCarthy's Epoch of Reform, all from the "Epoch Series". For topical reading; as to development of institutions, Stubbs's Constitutional History, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Froude, Stanhope, and others.

3. Modern European History.

Ranke's History of Germany in the Period of the Reformation, and History of France in the Sixteenth and Seventeenth Centuries; Fyffe's History of Modern Europe; Morse Stephens' Europe from 1789 to 1815; from the "Epoch Series", Seebohm's Era of the Protestant Revolution, Creighton's Age of Elizabeth, Gardiner's Thirty Years' War, Morris' Age of Anne, and Longman's Frederick the Great and the Seven Years' War. For special topics, other reading offered to suit the individual case. Ability to use French and German books is necessary.

4. American History.

Lodge's History of English Colonies in America, Frothingham's Rise of the Republic, and Epochs of American History (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's Washington, Morse's Jefferson;

Schurz's Clay, Von Holst's Calhoun, Sumner's Jackson, and Morse's Lincoln; Rhodes' History of the United States from the Compromise of 1850, Vols. I. and II. As to special topics, Bancroft's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's Histories as required.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Any graduate of this College who has received the second degree may be examined for the degree of *Doctor of Philosophy* or *Doctor of Science*; but such degrees will be conferred only after satisfactory proof of the faithful and successful prosecution of courses of study fully equal in extent and quality to those required for similar honors in the best universities.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, and of subsequent degrees thirty dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

THE THEOLOGICAL SCHOOL

THE CANTON THEOLOGICAL SCHOOL.

The Seminary, now in its thirty-ninth year, was formally opened in April, 1858. The late Ebenezer Fisher, D.D., was President from the opening until his death in 1879. For the last eighteen years the School has been under the present management. In the interval of nearly forty years over 350 students have been received and 323 have been sent out into the Ministry of the Universalist Church. The Seminary has been open from the beginning to men and women on the same terms and twenty-five women have been enrolled in its classes.

The Seminary was founded by the Universalist Church for the education of its ministry. This fact is never lost sight of. The aim is to send out into the ministry of the Church persons not only qualified to teach and to preach, but alive with interest in the great and advancing principles of Universalism, and loyally devoted to the welfare of the organization to which the maintenance of these principles is committed.

No catalogue was issued by the Theological department in 1896. The present catalogue continues and brings the record from the catalogue of 1895 to date.

FACULTY OF THE THEOLOGICAL SCHOOL.

REV. ISAAC MORGAN ATWOOD, D.D.,

President, and Dockstader Professor of Theology and Ethics.

REV. JOHN STEBBINS LEE, D.D.,

A. C. Moore Professor of Ecclesiastical History and Archaeology.

REV. HENRY PRENTISS FORBES, D.D.,

Craig Professor of Biblical Languages and Literature.

REV. LEWIS BEALS FISHER,

Ryder Professor of Pastoral Theology and Sociology.

REV. HENRY IRVING CUSHMAN, D.D.,

Non Resident Lecturer on Preaching, for 1896.

REV. WILLARD C. SELLECK,

Non Resident Lecturer, for 1897.

STUDENTS.

CLASS GRADUATED JUNE, 1895.

John Oscar Bennett,	Bethel, Vt.
Leroy Wilson Coons,	Hallowell, Me.
Edward Calvin Downey,	Northfield, Vt.
Ralph Edwin Horn,	Brooklyn, Pa.
Glenn Andrews Kratzer, A. B.,	Middleport.
Frederic Theodore Nelson, A. B.,	Deering, Me.

POST GRADUATES, JUNE, 1895.

Rev. Wallace A. Williams,	Waterloo, P. Q.
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SENIOR CLASS, 1896.

Alfred Frederick Booth, M. S.,	Morrisville, Vt.
Leonard Ward Brigham, M. S., M. D.,	Chicago, Ill.
Lorenzo Dow Case, A. B.,	Watertown.
Austin David Colson,	Winterport, Me.
Andrew W. Cross,	Glasgow, Scot.
Edwin Morris Jarvis,	Fly Creek.
Frank Wagner Miller,	Beaver Dams.
Artemus Lee Partridge,	Canton.
George Washington Sias,	Ellisburg.

MIDDLE CLASS, 1896.

Anna Belle Aldridge,	Harriman, Tenn.
John Wesley Carter,	Morrisville, Vt.
James Herrick,	Cicero.
Charles Edward Lund,	Brooklyn.
Thomas Fremington May,	Brooklyn.
William Hector Murray,	Troy.
Hattie May Sias,	Ellisburg.
Harry Lawrence Veazey,	Harriman, Tenn.

JUNIOR CLASS, 1896.

Samuel Gilbert Ayers,	New York City.
Victor Harry Libby,	Watertown.
Edson Russell Miles,	Columbus, O.
Harvey Edward Newton,	Cortland.
Robert Bennie Wetmore,	Fredonia.
Harry Murray Wright,	LeRoy.

GRADUATES, JUNE, 1896.

Alfred Frederick Booth, M. S.,	Morrisville, Vt.
Leonard Ward Brigham, M. S., M. D.,	Chicago, Ill.
Lorenzo Dow Case, A. B.,	Watertown.
Austin David Colson,	Winterport, Me.
Andrew W. Cross,	Glasgow, Scot.
Edwin Morris Jarvis,	Fly Creek.
Frank Wagner Miller,	Beaver Dams.
Artemus Lee Partridge,	Edenton.
George Washington Sias,	Ellisburg.

POST GRADUATES, JUNE, 1896.

Rev. John Oscar Bennett,	Bethel, Vt.
Rev. Edward Calvin Downey,	Northfield, Vt.

GRADUATE STUDENTS, 1896-97,

AND CANDIDATES FOR B. D.

Rev. Alfred Frederick Booth, M. S.,	St. Albans, Vt.
Rev. Leroy Wilson Coons,	Hallowell, Me.
Rev. Lorenzo Dow Case, A. B.,	Rome.
Rev. Ralph Edwin Horn,	Brooklyn, Pa.
Rev. Frank Wagner Miller,	Friendship.

SENIOR CLASS, 1896-97.

Anna Belle Aldridge,	Harriman, Tenn.
John Wesley Carter,	Morrisville, Vt.
George Eliot Cooley,	Hartford, Conn.
James Herrick	Cicero.
George A. King,	Westfield, Pa.
Charles Edward Lund,	Brooklyn.
Thomas Fremington May,	Brooklyn.
William Hector Murray, A. B.,	Troy.
Hattie May Sias,	Ellisburg.

MIDDLE CLASS, 1896-97.

Samuel Gilbert Ayers,	New York City.
Harvey Edward Newton,	Cortland.
Robert Bennie Wetmore,	Fredonia.

JUNIOR CLASS, 1896-97.

George Cross Baner,	Spokane, Wash.
Clara E. Morgan,	Mohawk.

SPECIAL STUDENTS.

IN SECOND YEAR, GERMAN.

Margaret T. Forbes,	Canton.
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IN FIRST YEAR, GERMAN.

Veva E. Potter,	Canton.
Eliza F. Thomas,	Canton.
Evangeline Partridge,	Canton.
Irene L. Lewis,	Canton.

DEPARTMENTS OF STUDY.

The principle of equivalence now advocated and very generally adopted in colleges has an important bearing on the rank and value of courses of study in the technical schools. That principle is, that a course of instruction is to be estimated, not by the fidelity with which it follows the traditional lists of topics, but by the *equivalent value* of the studies pursued as means of intellectual development and discipline and as sources of knowledge. On that principle, logically applied, it may well be considered whether the regular and full course of study required in the Seminary does not entitle its graduates to the degrees, or to equivalent degrees, earned by graduates of colleges.

While nearly everything that concerns an education is taught in the Seminary, from English Orthography to Hebrew Syntax, there are nine principal Departments of study: Ethics, History, Sociology, Criticism and Interpretation, Comparative Religions, Theology, Church Administration, Homiletics, and Apologetics.

I. ETHICS.

The aim in this study is to master the true theory of the moral powers and the principles and limitations of their action. To this end the subject is first taken up as a science, and afterwards considered in its application to practical life.

II. HISTORY.

General History is pursued until the student acquires a knowledge of its relations to Church History, to ancient Sacred History, to the History of Dogma and of the modern sects. To this study succeeds as much special work in the departments related to religion as time can be found for.

III. THEOLOGY.

Old and New Testament Theology, Dogmatic Theology, Denominational Theology, and Systematic Theology receive each in turn the attention of the student. The purpose is not so much to ground him in a belief as to give him the knowledge which should underlie rational faith.

IV. COMPARATIVE RELIGION.

Much attention has always been given in this School to the subject of Comparative Religions. Great progress has been made in recent years both in the knowledge of the religions with which Christianity must be

compared and in the production of facilities for the study. This Seminary avails itself of the latest and best helps in this Department.

V. HOMILETICS.

The science and art of preaching are taught here theoretically and practically. It is believed that in no similar institution does the student obtain more intelligent guidance or acquire more practice in the business of making and delivering sermons. Beginning with the second year the composition and delivery of sermons, with criticism, continues through the course.

VI. APOLOGETICS.

The new method of dealing with the subject of the Evidences which has come into so great favor in Germany, Scotland and England, and of which the works of Kaftan, Bruce and Macgregor are so persuasive examples, has been adopted in this Seminary. At the same time the external historical evidences, direct and indirect, are not overlooked.

VII. CHURCH ADMINISTRATION.

Pastoral Theology is the name given to one chair in the Canton School; but the large subject of the care and administration of churches; including the questions of revenue, church extension, the institutional church, denominationalism, pastoral duties and relations, with many more subjects of moment to the great business of religion, is given close and continuous attention.

VIII. PSYCHOLOGY.

The "Old" and the "New" Psychology are expounded to the student, but neither is taught as authoritative and final. A substance of teaching which may be said to be derived in part from each, and to differ in important respects from both, finds favor with teacher and pupils.

IX. INTERPRETATION AND CRITICISM.

The competence of the instructor in the department of Biblical Languages and Literature is widely recognized. While nothing belonging to present knowledge of the Scriptures is overlooked, and the point of view is that of scientific interpretation as distinguished from literalism and dogmatism, a spirit of reverence and well-grounded faith presides over the various, critical and interesting inquiries that arise in this study.

INSTRUCTION IN GERMAN.

Dr. Forbes, an interested and critical student of German Theology, has classes in German throughout the course. An unusually favorable opportunity is thus offered to students to take up the study of German and to become acquainted with "German Theology" by access to its original sources.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM—

Rhetoric—Hart's Manual; Prof. A. S. Hill's Foundations of Rhetoric; Exercises. Prof. ATWOOD.

Logic—Jevon's Lessons, with Lectures. Prof. ATWOOD.

Greek—Harper's N. T. Method. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Biblical Geography and Antiquities—Hurlbut's Manual and Lectures. Prof. LEE.

Principles of Evolution—Evolution and Religious Thought. Prof. FISHER.

SECOND TERM—

Rhetoric—The Art of Composition; The Art of Discourse; Themes. Prof. ATWOOD.

Ethics—Hopkins's The Law of Love and Love as Law, with Lectures; Muirhead's Elements of Ethics; Hyde's Practical Ethics; Martineau's Types of Ethical Theory. Prof. ATWOOD.

Hurst's Outline of Church History. Prof. FORBES.

Archæology—Lectures. Prof. LEE.

Ecclesiastical History—Fisher, with Schaff as reference. Prof. LEE.

Greek—Gospel of John; New Testament Text, and Manuscripts. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

SECOND YEAR.

FIRST TERM—

Rhetoric—Study of Style—Critical Exercises, Lectures. Prof. ATWOOD.

Sacred Rhetoric—Homiletics; Phelps's Theory of Preaching. Drill in planning sermons. Prof. FISHER.

Ecclesiastical History—Fisher's Reformation. Prof. FORBES.

Greek Testament—Selections from the Gospels, with Harper's Grammar. Prof. FORBES.

Pastoral Theology—Lectures on the Care and Administration of the Church. Profs. ATWOOD AND FISHER.

Hebrew—Gesenius's Grammar and Exercises; Selections from the Historical Books. Prof. FORBES.

SECOND TERM—

Psychology—Dewey's Third Edition—Baldwin—Sully—Lectures. Prof. ATWOOD.

Homiletics—Studies of History of English and American Pulpits; Analysis of Sermons of Eminent Preachers. Prof. FISHER.

History of Doctrines—Fisher, with Lectures, Ballou's Ancient History of Universalism and Beecher's History of Retribution. Prof. LEE.

Exegesis—Critical Study of the Greek of the New Testament and Interpretation. Prof. FORBES.

Greek—Pauline Epistles. Hermeneutics—Immer. Prof. FORBES.

Hebrew—Selections from the Old Testament. Prof. FORBES.

THIRD YEAR.

FIRST TERM—

Rhetoric—Instruction in the Art of Expression and of Communication. Prof. ATWOOD.

Homiletics—Study and Criticism of Sermons. Profs. FISHER and ATWOOD

Theology—The Latest Word of Universalism, with Lectures. Prof. ATWOOD

Apologetics—Bruce; Wright's Logic of the Christian Evidences. Prof. ATWOOD.

Comparative Religion—Menzies' History of Religions—Toy—with Lectures. Prof. FISHER.

Greek Testament—Critical Readings and Exposition. Prof. FORBES.

Old Testament—Origin of Books, History of Canon, Prophecy, Driver's Introduction to the O. T. Prof. FORBES.

SECOND TERM—

Emotional Religion and the Inner Life—Lectures on The Doctrine of Prayer. Prof. LEE.

Old Testament Theology—Oehler or Schultz's; Lectures. Prof. FORBES.

Evidences—Bruce's Apologetics; Norton's Genuineness; Huidekoper's Indirect Testimony; Wright's Logic, Part III. Prof. ATWOOD.

New Testament—Dod's or Wright's Introduction; Cone's Gospel Criticism; History of Text of Canon. Prof. FORBES.

Theology—Lectures on Systematic Theology. Prof. ATWOOD.

Hebrew—Readings from the Psalms and the Prophets. Prof. FORBES.

Sociology—Social Economics and Social Problems; Economics and Applied Christianity—Giddings, Small, Vincent. Prof. FISHER.

FOURTH YEAR.

Natural Theology—Valentine. Bascom. Prof. ATWOOD.

Hebrew—Critical Study of the Hexateuch. Prof. FORBES.

Exegesis—Critical Reading of the New Testament. Prof. FORBES.

Christianity in its Relation to Science—Hill's Natural Sources of Theology; Natural Law in the Spiritual World. Drummond's Ascent of Man. Prof. ATWOOD.

Theology of the New Testament—Cone's The Gospel and its Earliest Interpretations; Reuss, or Weiss, with Lectures. Prof. FORBES.

Life of Christ—Geikie—Edersheim. Prof. LEE.

Theological Encyclopædia.

Preaching—Composition and Criticism of Sermons. Prof. FISHER. Prof. ATWOOD.

Ecclesiastical History—Uhlhorn's Christianity and Paganism. Continuity of Christian Thought. Prof. LEE.

NOTE.—Students are advised not to provide themselves with text-books before coming to the School, except on consultation with the Faculty.

INFORMATION.

TERMS AND VACATIONS.

The School Year begins the last Wednesday in September—this year September 29. Commencement is the last Tuesday in June—this year June 29.

CONDITIONS OF ADMISSION.

The students particularly desired are those who give promise of usefulness in the ministry of the Universalist Church. The best preliminary preparation is a classical course in college. Students whose opportunities have not admitted of such preparation are received if they possess a High School or equivalent education in English. Sound moral principle and approved Christian standing are indispensable.

Applicants for admission must bring satisfactory testimonials as to their moral and religious character; if they are members of any church—which it is very desirable they should be—they should bring certificates to that effect.

EXPENSES.

No charge is made for tuition, or for the use of the library.

A society known as the *H I A* has instituted a club house in which board costs about \$3 a week.

Board may also be obtained in private families at \$3.50.

The necessary expenditure for each student is, at the maximum, about \$180 a year, of which \$122.50 is for board.

The General Convention grants aid by means of loans to students desiring to avail themselves of it. They can add to their resources by preaching during vacations, or at other times, when deemed advisable by the Faculty.

LIBRARIES.

The Herring Library was founded by the munificence of the late Silas C. Herring, of New York. It contains a valuable and well selected collection of about 9,000 volumes. Among its contents are the libraries of the late Rev. Samuel C. Loveland and of the late Prof. Dr. K. A. Credner, of the

University of Giessen. The latter is especially rich in the departments of Biblical Criticism and Ecclesiastical History, and contains a large amount of rare and valuable literature of the early decades of the sixteenth century: works of Zwingli, Luther, Erasmus, Melancthon, Reuchlin, Bugenhagen, and other noted writers of the era of the German Reformation. Many of these books are exquisitely bound.

The library is being enlarged gradually by means of a fund donated for the purpose, and by contributions from friends. It is hoped that the present collection may be only a nucleus for large accessions in the future.

Valuable private libraries are also accessible to students of the school.

THE REFERENCE LIBRARY.

The utility of a collection of books, under the same roof with the class-rooms, for consultation in daily work, had so often impressed itself upon the Professors that the President in 1892 laid the foundation for a Reference Library by the purchase of about 100 volumes. This collection has been increased gradually by gift and purchase; and now by the generosity of a friend of the School, Mr. Lyman Bickford, of Macedon, N. Y., a fund of \$1,000 has been secured, from the income of which substantial and valuable additions are made from time to time.

FISHER MEMORIAL HALL.

The Theological School owns and occupies Fisher Memorial Hall, which was erected for its special and exclusive use in 1883. The building contains, besides class-rooms, office and Reading Room, a large and beautiful Chapel, designed as a memorial of the first President, the late Ebenezer Fisher, D. D. As a matter of convenience, and as a courtesy on the part of the Theological School, the College has held its chapel in this room during the last three years, twice a week jointly with the Theological School and three times a week alone. Though the arrangement was regarded as temporary it seems to be agreeable to all parties, and so long as it is so it is likely to be continued.

READING ROOM.

The Theological School has established a Reading Room in its own building. An annual fee of \$1.00 from each student is required by the Board of Trustees, for its support, and as the condition of enjoying all its privileges. In addition to various secular publications, the Reading Room keeps on file the following denominational and religious publications:

Christian Leader, Independent, Universalist Herald, Christian Register, Gospel Banner, Universalist, Outlook, Advance, Unitarian, Bibliotheca Sacra, Sunday School Helper, Old and New Testament Student, Homiletical Review, Literary Digest, The Thinker, Christian Literature, The Sunday School Times, etc.

DIPLOMAS AND DEGREES.

The regular course of instruction extends through three years. Those only will be considered graduates of the School and entitled to its diploma, who shall have completed the three years' course of study herein laid down. Those who desire, may pursue a partial course, and will be entitled to a certificate stating the extent of the same, but the completion of the full course is desired by the Faculty, and will, so far as possible, be secured.

A Post Graduate Course has been established, to be completed by graduates in one year. The degree of *Bachelor of Divinity* is conferred on those completing this course, or its equivalent.

SCHOLARSHIPS AND FUNDS.

In addition to the Scholarship Loans made by the General Convention to Theological Students, on terms and conditions prescribed by the Board, the Seminary holds "The Lester Taylor Fund" and "The Sarah A. Gage Fund," the income of which it is authorized to use for "the support and education" of students for the Universalist Ministry attending this School and complying with the conditions of the benefaction.

GENERAL EXERCISES.

Lectures on personal and professional culture, the practical work of the ministry, and other topics connected with the care and administration of the church, are delivered by the President, on Monday afternoons.

Lessons in Rhetoric and in Elocution are given regularly once a week.

After the study of Homiletics is commenced, in the second year, sermons are preached and criticised on Thursday of each week during the remainder of the course.

A critical and exegetical study of the Greek Testament is pursued during the Second and Third years, under the direction of the Professor of Biblical Languages.

Conference meetings, conducted in succession by the Professors and by the Students of the different classes, are held every Wednesday evening in the Chapel.

Examinations, either oral or written, are a regular order at the close of each term.

MISCELLANEOUS.

As a general answer to many inquiries it may be stated here that, (1) The Canton Theological School is located at the county seat of St. Lawrence county, in Northern New York, on the Rome, Watertown & Ogdensburg R. R.; (2) That the University buildings are within the corporation, near the railway station, and conveniently situated for those who desire to board in the village; (3) That one of the oldest and best Universalist parishes in the State is here, while the Universalist element is strong in the whole region; (4) That the opportunities for undistracted study are equal to the best; and that in the item of expense, a student could scarcely expect to be more favorably conditioned. It may be further stated that Canton has the reputation of being one of the healthiest places in the country—a reputation which it has amply sustained in the experience of over thirty classes of students. The latest Report of the Bureau of Vital Statistics places Canton next to the most healthful locality in the State.

Theological Students are eligible to the privilege of instruction in any of the regular classes or courses in the College. But they are required to obtain permission from the Faculty to enter on any such study, and are allowed to pursue it only to such extent as will not interfere with work in their own department.

GENERAL SUMMARY.

Trustees,	25
PROFESSORS.	
College of Letters and Science,	9
Theological School,	4
Lecturers and other officers,	5
STUDENTS.	
College of Letters and Science,—	
Graduate Students,	17
Senior Class,	16
Junior Class,	11
Sophomore Class,	19
Freshman Class,	34
Special Students,	15—112
Theological School,—1896.	
Graduate Students,	2
Senior Class,	9
Middle Class,	8
Junior Class,	6— 25
Theological School,—1896-7.	
Graduate Students,	5
Senior Class,	9
Middle Class,	3
Junior Class,	2
Special Students,	5— 24
	—
Total,—1895-6,	132
Total,—1896-7,	136

ACKNOWLEDGMENTS.

During the past year the University has received the following gifts:

For the College of Letters and Science: From Mrs. Kate A. L. Chapin, \$4,000 making, with previous payments, \$14,000 in payment upon a gift of \$30,000 to endow the Chapin Professorship of Mineralogy and Geology, founded in 1894 in memory of her husband, the late Professor James Henry Chapin, Ph. D.

For the Gymnasium building fund,—paid on subscriptions: C. S. Kingston, \$25; W. J. Deans, 12; Annie L. Woods, 12; Antoinette J. Foster, 5; E. A. Adler, 2; Inez Ladd, 5; Helen A. Clemence, 10; J. C. Dolan, 5; A. D. Shaw, 5; Roswell P. Flower, 100; S. C. Hodge, 10; N. M. Curtis, 10; I. O. Tracey, 25; J. R. Gillett, 5; A. Z. Squires, 10; Amy L. Lyon, 5; Emma Robinson, 5; Isabel Williams, 5; Isabel Ellis, 5; Jessie D. Stearns, 5; Annie L. Eaton, 5; A. F. Griffiths, 5; Zoa M. Rowland, 5; M. P. Liotard, 5; Robert Russell, 10; Louisa Fitts, 50; Mrs. J. A. Jarvis, 25; Foster L. Backus, 25; W. C. Hepburn, 10; Sybil E. Bailey, 5; Geo. E. Cooley, 5; A. W. Fortune, 5; C. A. Austin, 10; W. E. Foster, 5; M. H. Stevenson, 5; W. S. Herrick, 5; W. R. Lasher, 5; Harriet E. Shaw, 5; Catharine S. Stallman, 5; B. S. Stevens, 10; Stanley E. Gunnison, 10; Gertrude E. Perkins, 5; Cleland Austin, 15; E. E. Stevens, 10; Miller and Son, 5; John H. Clark, 5; C. F. Cook, 10; W. J. Litchfield, 20; Alice Grace, 5; Tracey Martyn, 5; H. B. Hawley, 10; H. F. Gunnison, 15; Anna L. West, 16; E. L. Heaton, 15; Lucia E. Heaton, 25; M. E. Bowman, 12; M. A. Heffernan, 4; J. S. Lee, 50; John Clarence Lee, 50; Frederic S. Lee, 25; J. M. Payson, 5; W. H. and S. D. Kimball, 25; A. G. Gaines, 100; Leslie W. Russell, 100; A. J. Runions, 5; D. S. Rice, 5; R. H. Sackrider, 5; C. A. Miller, 15; Lyman Ward, 50; Geo. S. Conkey, 25; Katharine Moog, 12; George I. Wooley, 8; St. Cecilia Club, 18.20; W. E. Dunn & Son, 15; H. M. Farmer, 5; B. G. Mangin, 1; H. C. Spurr, 20; E. B. Lent, 19; St. Law. Plaindealer, 25; Donihee & Baker, 10; Howe Bros., 10; J. A. Wells, 5; W. N. Beard, 10; Henry Priest, 50; Chas. S. Brewer, 25; B. Frank Willson, 25; Mrs. A. B. Hepburn, 50; W. B. Gunnison, 15; C. K. Gaines, 25; L. P. Hale, 25; R. D. Ford, 25; Lincoln Jamieson, 10; Josephine Edmonds, 25; S. H. Roblin, 100; E. R. Barrows, 16; F. O. Stiles, 5; Royden Williamson, 5; R. S. Terry, 5; Guy Harrington, 5; I. M. Atwood, 50; Alice Atwood, 5; W. C. Percey, 25; Geo. R. Malby, 25; S. G. Ayres, 5; H. P. Forbes, 10; Chas. H. Russell, 25; E. B. Fellows, 5; W. R. Remington, 25; M. D. Quinn, 5; C. C. VanWaters, 5; V. P. Abbott, 50; J. F. McKinney, 20; Genevieve Lynch, 6; Daisy Jones, 4; Chas. H. Mead, 10; Geo. R. Hardie, 50; David Cummings, 10; Alden E. Viles, 10; Clinton Viles, 10; R. B. Lawrence, 10; Geo. E. Whiting, 5; Stephen Bullard, 25; Dramatic Entertainment, 50; Gymnasium Benefit, under the direction of Mrs. John Clarence Lee, 150. Payments made hereafter will be acknowledged in the next issue of the Catalogue.

For the Historical Library: \$22 from the class of 1895.

Furniture for the Faculty Room: \$100 from Prof. G. R. Hardie.

For the Theological School, 1896: From the estate of the late Sidney U. Main, of Batavia, N. Y., Two Thousand Dollars.

FORMS OF BEQUESTS.

I. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the COLLEGE OF LETTERS AND SCIENCE of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said COLLEGE OF LETTERS AND SCIENCE.

II. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the LIBRARY of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be used for the maintenance and increase of said LIBRARY.

III. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars for the use of the THEOLOGICAL SCHOOL of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be used or expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said THEOLOGICAL SCHOOL.

IV. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of One Thousand Dollars, for the foundation of a perpetual Scholarship in said University, to be called the SCHOLARSHIP, on condition that the same shall be securely invested, and the principal never expended, and that the net income therefrom shall be devoted to the payment of the term-bills of the incumbent of said Scholarship.

V. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of Thirty Thousand Dollars, for the endowment of a Professorship in said University, to be called the PROFESSORSHIP, on condition that said money shall be securely invested, and that the principal shall never be used or diminished, and that the net income therefrom shall be devoted to the payment of the salary of the incumbent of said Professorship.

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CATALOGUE
OF
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CANTON, NEW YORK



1897-98

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PUBLISHED BY THE UNIVERSITY

1898

FLAINDEALER PRESSES, CANTON, N. Y.

GENERAL CALENDAR.

 1897.

- Sept. 17, Friday, Second Entrance Examinations—College.
 Sept. 21, Tuesday, First Term began—College.
 Sept. 29, Wednesday, First Term began—Theological School.
 Nov. 24, Wednesday, Thanksgiving Recess began.
 Nov. 29, Monday, Work resumed.
 Dec. 17, Friday, Christmas Recess began—College.

1898.

- Jan. 3, Monday, Christmas Recess ends—College.
 Jan. 27, Thursday, Term closes—Theological School.
 Winter vacation, twenty-seven days—Theological School.
 Feb. 12, Saturday, First Term closes—College.
 Feb. 14, Monday, Second Term begins—College.
 Feb. 23, Wednesday, Second Term begins—Theological School.
 Apr. 6, Wednesday, Easter Recess begins—College.
 Apr. 12, Tuesday, Easter Recess ends—College.
 Apr. 29, Friday, Tree Holiday—University.
 May 27, Friday, Field Day—University.
 June 4, Saturday, Senior Vacation begins—College.
 June 24, Friday, 9 a. m., First Entrance Examinations—College.
 June 25, Saturday, 9 a. m., Entrance Examinations continued—College.
 June 26, Sunday, Baccalaureate Sermons.
 June 27, Monday, 4 p. m., Meeting of Alumni Association.
 June 28, Tuesday, 9 a. m., Thirty-Eighth Commencement—Theological.
 June 28, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
 June 29, Wednesday, 9 a. m., Thirty-Fourth Commencement—College.
 June 29, Wednesday, 2 p. m., Commencement Dinner.
 June 29, Wednesday, 8 p. m., Reception—Alumni Association.

Summer Vacation, twelve weeks—College.

Summer Vacation, thirteen weeks—Theological School.

- Sept. 16, Friday, 9 a. m., Second Entrance Examinations—College.
 Sept. 17, Saturday, 9 a. m., Entrance Examinations continued—College.
 Sept. 19, Monday, 9 a. m., Matriculation of Freshmen.
 Sept. 20, Tuesday, First Term begins—College.
 Sept. 28, Wednesday, First Term begins—Theological School.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, the University embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two departments are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the departments. The by-laws of the corporation provide "that the College of Letters and Science is and shall remain an unsectarian foundation * * * and that the Theological School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of "the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858. The first class was graduated in 1861.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1864, the preparatory school was discontinued. The first class was graduated from the College in 1865.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$450,000, of which \$330,000 are endowment funds, has been the result of private benefactions.

CORPORATION.

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Cummings Professor of Natural Science.

Chapin Professor of Geology and Mineralogy.

GEORGE LINCOLN KIMBALL, B.A.,
Instructor in Physical Culture and Director of the Gymnasium.

JOSEPH CLARENCE WILLSON, B.A., M.D.,
Medical Examiner for Men.

LUCIA ELIZABETH HEATON, M.S., M.D.,
Medical Examiner for Women.

GRADUATE STUDENTS.

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS.

Frank John Arnold, B. A. 1896, <i>Political Science and Latin.</i>	Medina.
Sybil Eliza Bailey, B. A. 1897, <i>History and German.</i>	Canton.
Charles Fred Cook, B. A. 1891, <i>Political Science and History.</i>	Augusta, Me.
Charles William Dunn, B. A. 1888, <i>English Literature.</i>	Schaghticoke.
Antoinette Josephine Foster, B. A. 1896, <i>English Literature and Latin.</i>	Turner, Me.
Glenn Andrews Kratzer, B. A. 1895, <i>Philosophy.</i>	Middleport.
Katharine Elizabeth Moog, B. A. 1896, <i>Latin.</i>	Baltimore, Md.
Jessie Dell Stearns, B. A. 1897, <i>German.</i>	Malone.
George Fay Wilder, B. A. 1897, <i>Mathematics.</i>	Russell.

CANDIDATES FOR THE DEGREE OF MASTER OF PHILOSOPHY.

Lorenzo Dow Case, PH. B. 1895, <i>History and Philosophy.</i>	Rome.
Carolyn Dean Foster, PH. B. 1894, <i>Latin and English Literature.</i>	Walden.
Nathan Ford Giffin, PH. B. 1895, <i>American History.</i>	New York.
Arthur Floyd Griffiths, PH. B. 1897, <i>Political Science and History.</i>	Richville.
James Franklin McKinney, PH. B. 1893, <i>Philosophy and Political Science.</i>	New York.
Amy MacVey, PH. B. 1894, <i>English Literature.</i>	Brooklyn.
Ella May Adams Walrath, PH. B. 1893, <i>American Literature and English History.</i>	St. Johnsville.

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE.

William John Deans, B. S. 1894, <i>Political Science and American History.</i>	Chateaugay.
John Henry Dullea, B. S. 1891, <i>Natural Science.</i>	Ogdensburg.
Michael Henry Kinsley, B. S. 1888, <i>Mineralogy and Chemistry.</i>	Kearny, N. J.
Wilford Jacob Litchfield, B. S. 1894, <i>German and English Literature.</i>	Southbridge, Mass.
Bridget Mahoney, B. S. 1893, <i>History and English Literature.</i>	Canton.
Frank Benton Spaulding, B. S. 1895, <i>Political Science and History.</i>	New York.

DEGREES CONFERRED JUNE 30, 1897.

IN COURSE.

BACHELOR OF ARTS.

Sybil Eliza Bailey,	Jessie Dell Stearns,
Gertrude Emily Perkins,	George Fay Wilder.

BACHELOR OF PHILOSOPHY.

George Eliot Cooley,	Minnie Charlotte Jackson,
Margarett Helen Currier,	Ernest Robinson,
Arthur Floyd Griffiths,	Zoa Magdalene Rowland.

BACHELOR OF SCIENCE.

Charles William Appleton,	Archibald William Fortune,
Clarence Justin Austin,	Daisy Mabel Jones,
Annie Louise Eaton,	Harriet Elizabeth Robertson.

MASTER OF ARTS.

Frank Yale Adams.

MASTER OF PHILOSOPHY.

Ernest Gerald Chilton.

MASTER OF SCIENCE.

Ernest Rasey Barrows.

HONORARY.

DOCTOR OF CIVIL LAW.

St. Clair McKelway, LL.D., L.H.D.

DOCTOR OF DIVINITY.

Stephen Herbert Roblin.

MASTER OF ARTS.

John Murray Atwood,

Henry Ellison Seaver.

FINAL HONORS.

SUMMA CUM LAUDE.

George Eliot Cooley,

Arthur Floyd Griffiths,

Minnie Charlotte Jackson,

Jessie Dell Stearns,

George Fay Wilder

MAGNA CUM LAUDE.

Sybil Eliza Bailey.

CUM LAUDE.

Charles William Appleton.

HIGHEST HONORS.

Charles William Appleton,
*Political Science and History.*Minnie Charlotte Jackson,
Mathematics, Physics and Chem-
*istry, Natural Science.*Sybil Eliza Bailey,
*Philosophy, German.*Zoa Magdalené Rowland,
*German.*George Eliot Cooley,
English, Political Science and His-
*tory, Philosophy.*Jessie Dell Stearns,
Latin, German, Political Science
*and History.*Arthur Floyd Griffiths,
Political Science and History, Phi-
*losophy, Latin.*George Fay Wilder,
Latin, Mathematics, Physics and
Chemistry.

HONORS.

Charles William Appleton,
*Natural Science.*Daisy Mabel Jones,
*German, Political Science, History.*Sybil Eliza Bailey,
*Political Science and History.*Zoa Magdalene Rowland,
*Latin.*Gertrude Emily Perkins,
Political Science and History.

UNDERGRADUATES.

NOTE.—The letter *a* indicates the Course leading to the degree of Bachelor of Arts, *p* the Course leading to the degree of Bachelor of Philosophy, *s* the Course leading to the degree of Bachelor of Science.

SENIOR CLASS.

Helen Alsy Clemence, <i>a</i> ,	<i>Worcester, Mass.,</i>	20 Pine St.
John Leslie Cummings, <i>p</i> ,	<i>Canton,</i>	5 Powers St.
Roger Herbert Dennett, <i>s</i> ,	<i>Belmont, Mass.,</i>	<i>A TΩ</i> House.
Charles Edward Fisher, <i>a</i> ,	<i>Worcester, Mass.,</i>	<i>B Θ Π</i> House.
Harry Wood Forbes, <i>a</i> ,	<i>Canton,</i>	3 University Ave.
John Rouse Gillett, <i>a</i> ,	<i>Clifton Springs,</i>	20 Miner St.
Charles Fuller Heckles, <i>s</i> ,	<i>Canton,</i>	Mr. Wm. Heckles's.
Arthur Brown Joy, <i>a</i> ,	<i>Meriden, Conn.,</i>	<i>B Θ Π</i> House.
Marguerite Pauline Liotard, <i>s</i> ,	<i>Canton,</i>	5 Church St.
Henry McCormick, <i>p</i> ,	<i>Canton,</i>	23 Judson St.
Milton Henry Stevenson, <i>s</i> ,	<i>Canton,</i>	<i>A TΩ</i> House.
Caroline Louise Sumner, <i>s</i> ,	<i>Moirs,</i>	<i>Δ Δ Δ</i> House.
Richard Seaton Terry, <i>a</i> ,	<i>Henderson,</i>	<i>A TΩ</i> House.
Francis Edwin Van Deveer, <i>s</i> ,	<i>Albany.</i>	

JUNIOR CLASS.

Grace Yale Atwater, <i>s</i> ,	<i>Norfolk,</i>	<i>Δ Δ Δ</i> House.
Alice Cary Atwood, <i>p</i> ,	<i>Canton,</i>	58 Park St.
Hendrick Ware Barnum, <i>a</i> ,	<i>Canton,</i>	1 College St.
Amin Gerrgous Beder, <i>s</i> ,	<i>Beyrout, Syria,</i>	28 Miner St.
Clyde McBride Burklew, <i>p</i> ,	<i>Layland, O.,</i>	<i>A TΩ</i> House.
William Hall Burklew, <i>s</i> ,	<i>Layland, O.,</i>	<i>A TΩ</i> House.
Harry Marks Conkey, <i>a</i> ,	<i>Canton,</i>	<i>A TΩ</i> House.
Albert James Fields, <i>s</i> ,	<i>Canton,</i>	
Stanley Eaton Gunnison, <i>s</i> ,	<i>Brooklyn,</i>	<i>B Θ Π</i> House.
Murray Arnold Hines, <i>p</i> ,	<i>North Adams, Mass.,</i>	<i>B Θ Π</i> House.
Bertha Clarene Jackson, <i>a</i> ,	<i>Canton,</i>	<i>Δ Δ Δ</i> House.
Amy Lulu Lyon, <i>a</i> ,	<i>Brooklyn,</i>	20 Pine St.
Jessie Thatcher Robertson, <i>p</i> ,	<i>Canton,</i>	34 Park St.
Harriet Elinor Shaw, <i>p</i> ,	<i>Rochester,</i>	67 Park St.

Catherine Susan Stallman, <i>p</i> ,	<i>Rochester,</i>	67 Park St.
Bing Sykes Stevens, <i>p</i> ,	<i>Canton,</i>	20 Park St.
William Morgan Stout, <i>s</i> ,	<i>Killbuck, O.,</i>	<i>A TΩ House.</i>
John Allen Wells, <i>s</i> ,	<i>Massena Centre,</i>	28 Miner St.
Isabel Williams, <i>s</i> ,	<i>Montclair, N. J.,</i>	8 Elm St.
Royden Williamson, <i>s</i> ,	<i>New York,</i>	<i>B Θ II House.</i>

SOPHOMORE CLASS.

Wight Vasco Abbott, <i>s</i> ,	<i>Gouverneur,</i>	<i>A TΩ House.</i>
Worth Pickett Abbott, <i>a</i> ,	<i>Gouverneur,</i>	<i>B Θ II House.</i>
Margaret Rebecca Austin, <i>p</i> ,	<i>Canton,</i>	17 Elm St.
Charles Eugene Brown, <i>p</i> ,	<i>Canton,</i>	17 Miner St.
Howard Lemoine Burklew, <i>s</i> ,	<i>Layland, O.,</i>	<i>A TΩ House.</i>
George Fackerell Chambers, <i>s</i> ,	<i>Ogdensburg,</i>	23 Park St.
Leland Judson Farmer, <i>a</i> ,	<i>Canton,</i>	52 State St.
Grace Frances Finnigan, <i>a</i> ,	<i>Canton,</i>	15 State St.
Clarence Hurd Gaines, <i>a</i> ,	<i>Canton,</i>	15 Pine St.
Clarence Emery Hemenway, <i>s</i> ,	<i>Canton,</i>	20 State St.
William Reuben Lasher, <i>p</i> ,	<i>Little Falls,</i>	82 Main St.
John Edward Mahoney, <i>p</i> ,	<i>Canton,</i>	17 Lincoln St.
Leslie William Merriman, <i>s</i> ,	<i>Canton,</i>	28 Miner St.
Edson Russell Miles, <i>a</i> ,	<i>Columbus, O.,</i>	<i>A TΩ Annex.</i>
Alice Amanda Mills, <i>p</i> ,	<i>Canton,</i>	34 State St.
Kate Florence Perkins, <i>a</i> ,	<i>Canton,</i>	39 Court St.
Leon Roy Smith, <i>a</i> ,	<i>Russell,</i>	<i>A TΩ House.</i>
Corliss Pierre Stiles, <i>s</i> ,	<i>DeKalb Junction,</i>	3 Railroad Ave.
Berton Wendell Storrs, <i>s</i> ,	<i>Morristown,</i>	<i>A TΩ Annex.</i>
Fred W Storrs, <i>s</i> ,	<i>Morristown,</i>	<i>A TΩ Annex.</i>
Virginia Langfitt Voorhees, <i>p</i> ,	<i>Millersburg, O.,</i>	6 Pine St.
Ivan Roy Wellington, <i>a</i> ,	<i>Canton,</i>	9 Elm St.

FRESHMAN CLASS.

Georgia Mae Bacheller, <i>s</i> ,	<i>Canton,</i>	Farmer St.
Mary Blanche Barlow, <i>a</i> ,	<i>Canton,</i>	Water St.
Mabel Harlan Benner, <i>a</i> ,	<i>Putnam, Conn.,</i>	20 Pine St.
Robert Laurie Black, <i>a</i> ,	<i>Hightstown, N. J.,</i>	67 Park St.
Benjamin Franklin Butler, <i>s</i> ,	<i>Mt. Vernon, O.,</i>	18 Elm St.
Herbert Phalon Cole, <i>s</i> ,	<i>Fergus Falls, Minn.,</i>	<i>B Θ II House.</i>
Mary Vilura Conkey, <i>a</i> ,	<i>Canton,</i>	12 State St.
Harry Albertis Duncan, <i>a</i> ,	<i>Millersburg, O.,</i>	11 Elm St.

Mina Louise Freeman, <i>a</i> ,	<i>Canton</i> ,	101 Main St.
Almon Gage Gunnison, <i>s</i> ,	<i>Brooklyn</i> ,	<i>B</i> Θ <i>II</i> House.
Julien Petit Heath, <i>s</i> ,	<i>Potsdam</i> ,	<i>A</i> <i>T</i> Ω House.
Belle Stewart Hinds, <i>s</i> ,	<i>Girard, Pa.</i> ,	Δ Δ Δ House.
Harriett DeLance Jackson, <i>a</i> ,	<i>Canton</i> ,	12 State St.
Harry Mason Knox, <i>s</i> ,	<i>Canton</i> ,	Church St.
John Bell Laidlaw, <i>s</i> ,	<i>Gouverneur</i> ,	<i>A</i> <i>T</i> Ω House.
Almon Wheeler Lytle, <i>s</i> ,	<i>Ogdensburg</i> ,	<i>B</i> Θ <i>II</i> House.
Matthew Robert McCormick, <i>s</i> ,	<i>Canton</i> ,	23 Judson St.
Edward James Mulholland, <i>s</i> ,	<i>Massena</i> ,	<i>B</i> Θ <i>II</i> House.
Mabel Alice Perkins, <i>a</i> ,	<i>Canton</i> ,	39 Court St.
Ellsworth Poste, <i>a</i> ,	<i>Canton</i> ,	24 State St.
Gertrude Mary Robinson, <i>s</i> ,	<i>Nunda</i> ,	Δ Δ Δ House.
William Douglas Ryan, <i>s</i> ,	<i>Brasher Falls</i> ,	<i>H</i> <i>II</i> <i>A</i> House.
Earl William Scriptor, <i>a</i> ,	<i>Hermon</i> ,	<i>B</i> Θ <i>II</i> House.
John Frederick Shepard, <i>s</i> ,	<i>Canton</i> ,	66 Miner St.
Grace Willey Sherwood, <i>a</i> ,	<i>St. Albans, Vt.</i> ,	20 Pine St.
John Dyer Stark, <i>s</i> ,	<i>Brasher Falls</i> ,	<i>A</i> <i>T</i> Ω House.
Kate Louise Sudds, <i>s</i> ,	<i>Gouverneur</i> ,	8 Elm St.
Robert Sherman Waterman, <i>a</i> ,	<i>Ogdensburg</i> ,	<i>B</i> Θ <i>II</i> House.

SPECIAL STUDENTS.

Frank Ainsworth, French 1, Physiol., Math. 1, Hist. 4.	<i>Phoenix, Ariz.,</i>	<i>B Θ II House.</i>
Andrew Gilbert Akin, Greek 1, Math. 1, Hist. 1, Eng. A.	<i>Lisbon Centre,</i>	43 Court St.
George Cross Baner, Hist. 1, Parl. Law 1.	<i>Spokane, Wash.,</i>	<i>H II A House.</i>
Jay Wesley Benton, Math. 3, Chem. 1, Parl. Law 1, Hist. 4.	<i>Canton,</i>	12 Elm St.
Claude John Biche, French 1, Math. 1, Biol. 1, Hist. 1, Eng. A.	<i>Bigelow,</i>	23 Park St.
Flora Bronis, German 3.	<i>Rochester,</i>	17 Jay St.
John Wesley Carter, Eng. 1, Geol., Astron. 1.	<i>Morrisville, Vt.,</i>	<i>H II A House.</i>
James Herrick, Eng. 1.	<i>Cicero,</i>	<i>H II A House</i>
Gustavus Benjamin Holt, Germ. 1, Math. 1, Biol. 1, Hist. 1, Eng. A.	<i>Belmont, Mass.,</i>	<i>A TΩ House.</i>
Benjamin Hosley, Physiol., Biol. 1, Chem. 1.	<i>Canton,</i>	30 State St.
Sumner Clinton Hurlbut, Chem. 2, Parl. Law 2, Eng. 1, Hist. 4, French 1.	<i>Heuvelton,</i>	23 Park St.
Ione Alena Jillson, French 5, Germ. 1, Chem. 1, Eng. C, Hist. 4.	<i>Edenton,</i>	6 Pine St.
Veva Etheline Potter, French 3, Physiol., Eng. C, Parl. Law 1,	<i>Canton,</i>	<i>Δ Δ Δ House.</i>
Helen Mavarette Probst, French 1, Germ. 1, Eng. 1, Biol. 1.	<i>Rochester,</i>	12 Pine St.
Henry Merkley Sackrider, French 1, Hist. 4, Physiol.	<i>Canton,</i>	18 Miner St.
Anna Marie Schoene, French 1, French 3, Eng. C.	<i>Everett, Mass.,</i>	<i>Δ Δ Δ House.</i>
Lucius Sherman, Jr., Physics 3, Chem. 4, French 1, Geol.	<i>Canton,</i>	25 Miner St.
Robert Bennie Wetmore, Hist. 1, Parl. Law 1.	<i>Fredonia,</i>	<i>H II A House.</i>
Arthur Slocum Williams, Math. 1, Eng. A.	<i>Montclair, N. J.,</i>	<i>B Θ II House.</i>
Helen Woods, French 1, Physiol., Hist. 4, Eng. C, Chem. 1.	<i>Canton,</i>	7 Buck St.

ADMISSION.

Candidates may be admitted to the Freshman Class on examination, on the credentials of the State Board of Regents, or on certificates of principals of approved preparatory schools.

The University offers entrance examinations in the following subjects, but not all of these subjects will be required of any one candidate. The specific requirements for admission to the several courses will be found stated on pages 17 and 18.

LATIN:—

- I. First Year Latin.
- II. Cæsar's Gallic War, Books I-IV.
- III. Vergil's *Æneid*, Books I-VI.
- IV. Cicero's four orations against Catiline and those for Archias and the Manilian Law.
- V. Composition: translation of connected English passages into Latin prose.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronunciation is used.

GREEK:—

- I. First Year Greek.
- II. Xenophon's *Anabasis*, 3 books.
- III. Homer's *Iliad*, 3 books; or *Odyssey*, 3 books.
- IV. Composition: translation into Greek (with accents) of English passages based on Xenophon.

ENGLISH:—

I. English Language and Literature. The candidate will be required to show satisfactory evidence that he has pursued a course of study in Advanced English, English Composition, Rhetoric, and English or American Literature, equivalent to the First Year and Second Year English in the usual high school course. Note-books and exercises in composition or other written work done in such a course, properly certified by his instructor, may be offered as evidence of the candidate's proficiency. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs. Teachers are requested to insist on the use of good English, as an essential part of the pupil's training, in his translations from foreign languages, and in whatever he writes or speaks on any subject in the school course.

II. English Reading. In connection with the general requirement described above, the candidate must have made special preparation upon certain books, to be announced from year to year. The examination will be divided into two parts:

A.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to show the candidate's power of clear and accurate expression.

In preparation of this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books prescribed for this part of the examination will be:

1893—Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I and XXII; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

1899—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

1900—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; The *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; DeQuincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *Vision of Sir Launfal*.

1901 and 1902—Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The *Sir Roger de Coverley papers* in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, literary form, and grammatical and logical structure.

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books prescribed for this part of the examination will be:

1893—Shakespeare's *Macbeth*; Burke's *Speech on Conciliation with America*; DeQuincey's *The Flight of a Tartar Tribe*; Tennyson's *The Princess*.

1899—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Conciliation with America*; Carlyle's *Essay on Burns*.

1900—Shakspeare's *Macbeth*; Milton's *Paradise Lost*, books I and II; Burke's *Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1901 and 1902—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

FRENCH:—

I. Grammar (Keetels's or Edgren's preferred); ability to render connected English passages into French; ability to translate into idiomatic English such works as Halevy's *L'Abbé Constantin*; Molière's *L'Avare* and *Les Précieuses Ridicules*.

II. Translation of such works as George Sand's *La Petite Fadette*; Racine's *Athalie* and *Esther*; Feuillet's *Le Roman d'un Jeune Homme Pauvre*.

III. Translation of such works as Victor Hugo's *Quatre-vingt-treize* and *Notre Dame de Paris*; St. Simon's *Mémoires* (A. N. Van Daell's edition); de Stael's *Corinne*.

GERMAN:—

I. Grammar (Collar's Eysenbach preferred); ability to translate a connected passage of English prose into idiomatic German; translation into good English of such works as Hauff's *Das Kalte Herz*; Storm's *Immensee*; Von Hillern's *Höher als die Kirche*.

II. Translation of such works as Bernhardt's *Novelletten Bibliothek*; Schiller's *Die Jungfrau*, *Maria Stuart*, and *Wilhelm Tell*; Lessing's *Minna von Barnhelm*.

III. Translation of such works as Lessing's *Nathan der Weise*; Goethe's *Hermann und Dorothea*, *Faust*, Part I, and *Iphigenie auf Tauris*.

MATHEMATICS:—

I. Arithmetic, including the Metric System. A thorough and complete knowledge of the subject is required.

II. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics.

III. Plane Geometry.

HISTORY AND CIVIL GOVERNMENT:—

I. History of Greece and of Rome.

II. American History.

III. General History.

IV. English History.

V. Advanced U. S. History.

VI. Civics.

SCIENCE:—

- I. Physiology and Hygiene (Martin's Human Body, Briefer Course, or equivalent).
- II. Physical Geography.
- III. Botany.
- IV. Chemistry, Part I.
- V. Chemistry, Part II.
- VI. Physics, Part I.
- VII. Physics, Part II.
- VIII. Astronomy.
- IX. Geology.
- X. Zoology.

REQUIREMENTS FOR ADMISSION.

I. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS.

Candidates for admission to the course leading to the degree of Bachelor of Arts must present of the above list:—

- Latin I, II, III, IV, V;
 English I, II;
 Mathematics I, II, III;
 History I, II;
 Science I;

and one of the following groups:—

- A. Greek I, II, III, IV.
- B. German I, II, III.
- C. French I, II, III.
- D. German I, II, and Science IV, V, or VI, VII.
- E. French I, II, and Science IV, V, or VI, VII.

2. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Candidates for admission to the course leading to the degree of Bachelor of Science must present:—

- English I, II;
 Mathematics I, II, III;
 History I, II;
 Science I;

and one of the following groups:—

- A. Latin I, II.
- B. German I, II.
- C. French I, II.

Candidates for admission to this course must present, in addition to the above, any nine subjects taken from the following list:

Physical Geography; Botany; Zoology; Geology; Astronomy; Chemistry, Part I; Chemistry, Part II; Physics, Part I; Physics, Part II; General History; English History; Advanced U. S. History; Civics. A third year of Latin, French, or German may be substituted for any two of these subjects.

Other academic subjects may be offered by the candidate, and may be accepted if their scope and nature be found satisfactory to the Faculty.

GENERAL REMARKS.

The conditions stated above require that any candidate for admission to a course leading to a degree must have, in addition to the pre-academic or grammar school studies, a four years' high school preparation, or a full equivalent, embracing the specific subjects named.

In lieu of examinations the following will be accepted:—

I. The pass-cards, certificates and academic diploma of the State Board of Regents for the subjects which they cover. Such credentials will not, however, be accepted for advanced standing.

II. The certificates of principals of approved preparatory schools will admit students on probation, but such certificates must state specifically the subjects in which the candidate has passed satisfactory examinations covering the requirements as stated.

Such certificates should be filed with the Recorder at least two weeks prior to the regular entrance examinations. Forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they desire to enter.

Candidates from other colleges will be required to present certificates of dismissal in good standing.

Persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. Persons of exceptional maturity, or who have a definite plan of study, may be admitted, by vote of the Faculty, to a special course not leading to a degree. They must file with the Recorder certificates of their previous work.

The regular examinations of candidates for admission will be held at College Hall on the Friday and Saturday preceding Commencement and on the Friday and Saturday preceding the opening of the College. (For dates see calendar on page 3).

Further information may be had upon application to the Recorder,

COURSES OF STUDY.

I. LEADING TO THE DEGREE OF BACHELOR OF ARTS.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores take sixteen hours a week. Juniors and Seniors have fifteen hours a week, and may elect any courses which their previous studies qualify them to pursue.

COURSE A.—FOR STUDENTS ADMITTED ON LATIN AND GREEK.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Greek 1 (four hours); Latin 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Greek 2 (four hours); Latin 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—Greek 3 or Latin 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Greek 3 (three hours); Latin 3 (three); Latin 5 (three); Latin 9 (one); Latin 11 (one); German 1 (four); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—Greek 4 or Latin 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Greek 4 (three hours); Latin 4 (three); Latin 6 (three); Latin 10 (one); Latin 12 (one); German 2 (four); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2. *Elective, twelve hours.*

SECOND TERM.

Prescribed, four hours.—Psychology 1. *Elective, eleven hours.*

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours. (See Tabular View and Departments of Instruction).

COURSE B.—FOR STUDENTS ADMITTED ON LATIN AND GERMAN.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Latin 5 (three); Latin 9 (one); Latin 11 (one); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); Latin 6 (three); Latin 10 (one); Latin 12 (one); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1

Elective, eleven hours.—As in Course A. (See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

COURSE C.—FOR STUDENTS ADMITTED ON LATIN AND FRENCH.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Latin 5 (three); Latin 9 (one); Latin 11 (one); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); Latin 6 (three); Latin 10 (one); Latin 12 (one); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—As in Course A. (See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (four hours); English A (one); Mathematics 1 (four); Biology 1 (four) or Latin A (four) or Latin 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (four hours); English B (one); Mathematics 2 (four); Biology 2 (four) or Latin B (four) or Latin 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours. French 3 (three hours); German 3 (three); Latin 3 (three); Latin 5 (three); Latin 9 (one); Latin 11 (one); Mathematics 3 (three); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—French 4 (three hours); German 4 (three); Latin 4 (three); Latin 6 (three); Latin 10 (one); Latin 12 (one); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

III. LEADING TO THE DEGREE OF BACHELOR OF PHILOSOPHY.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week. This course will not be open to students entering College hereafter.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 or German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 or German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

TABULAR VIEW.

The following list embraces both prescribed and elective courses. The number of term-hours, at which each course is counted, is stated in italics. Students are required to avoid a conflict of hours, and are permitted to elect only those courses for which they are prepared by their previous studies.

FIRST TERM.

Astronomy 1.	<i>Three hours.</i>	Mo. Tu. Th. at 8.
Biology 1.	<i>Four.</i>	We. at 11, Fr. at 9; Lab. Tu. Th. 2 to 4.
Chemistry 1.	<i>Four.</i>	Tu. Th. at 11; Lab. We. Fr. 9 to 11.
Chemistry 3.	<i>Three.</i>	Lab. Mo. We. Fr. from 2 to 4.
Economics 1.	<i>Three.</i>	Mo. We. Fr. at 9.
English A.	<i>One.</i>	Fr. at 10.
English C.	<i>Two.</i>	Tu. Th. at 2.
English 1.	<i>Three.</i>	Tu. Th. at 11; one hour to be appointed.
English 3, 4, 5.	<i>One hour each.</i>	To be arranged for.
French 1.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
French 3.	<i>Three.</i>	Mo. at 11; Tu. Th. at 8.
French 5.	<i>Two.</i>	Tu. Th. at 2.
Geology.	<i>Three.</i>	Mo. Tu. Th. at 10.
German 1.	<i>Four.</i>	Mo. Tu. We. Th. at 10.
German 3.	<i>Three.</i>	Mo. We. Fr. at 8.
German 5.	<i>Two.</i>	Tu. Th. at 3.
Greek 1.	<i>Four.</i>	Tu. We. Th. Fr. at 9.
Greek 3.	<i>Three.</i>	Mo. We. Fr. at 3.
Greek 5.	<i>Two.</i>	Tu. Th. at 3.
History 1.	<i>Three.</i>	Mo. We. Fr. at 2.
History 4.	<i>Two.</i>	Tu. Th. at 8.
History 6.	<i>Three.</i>	Mo. Tu. Th. at 10.
Latin A.	<i>Four.</i>	Tu. Th. at 2; Fr. Sa. at 9.
Latin 1.	<i>Four.</i>	Mo. Tu. We. Th. at 3.
Latin 3.	<i>Three.</i>	Mo. We. Fr. at 2.
Latin 5.	<i>Three.</i>	Mo. Tu. Th. at 10.
Latin 7.	<i>Three.</i>	Mo. We. Fr. at 11.
Latin 9.	<i>One.</i>	Tu. at 2.
Latin 11.	<i>One.</i>	Fr. at 2.
Logic 1.	<i>Three.</i>	Tu. Th. Sa. at 9.
Mathematics 1.	<i>Four.</i>	Mo. Tu. Th. Fr. at 11
Mathematics 3.	<i>Three.</i>	Mo. Tu. Th. at 9.
Mathematics 5.	<i>Three.</i>	We. Fr. at 10; Sa. at 9.
Parl. Law 1.	<i>Two.</i>	We. Fr. at 8.
Physics 2.	<i>Three.</i>	Mo. We. Fr. at 11.
Physics 4.	<i>Two.</i>	Lab. Tu. Th. from 2 to 4.
Physiology.	<i>Four.</i>	Mo. Tu. Th. at 10; Sa. at 9.
Psychology 2.	<i>Three.</i>	Mo. We. Fr. at 3.
Rhetoric 1.	<i>Two.</i>	Tu. Th. at 3.

SECOND TERM.

Astronomy 2.	<i>Two hours.</i>	We. Fr. at 10.
Biology 2.	<i>Four.</i>	We. at 11; Fr. at 9; Lab. Tu. Th. 2 to 4.
Chemistry 2.	<i>Three.</i>	Lab. Mo. We. Fr. from 2 to 4.
Chemistry 4.	<i>Two.</i>	Lab. Tu. Th. from 2 to 4.
Economics 2.	<i>Three.</i>	Mo. We. Fr. at 9.
English B.	<i>One.</i>	Sa. at 9.
English D.	<i>Two.</i>	Tu. Th. at 10.
English 2.	<i>Two.</i>	Th. at 9. To be arranged for.
English 6, 7, 8.	<i>One hour each.</i>	To be arranged for.
Ethics.	<i>Three.</i>	Tu. Th. Sa. at 9.
French 2.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
French 4.	<i>Three.</i>	Mo. at 11; Tu. Th. at 8.
French 6.	<i>Two.</i>	Tu. Th. at 2.
German 2.	<i>Four.</i>	Mo. Tu. We. Th. at 10.
German 4.	<i>Three.</i>	Mo. We. Fr. at 8.
German 6.	<i>Two.</i>	Tu. Th. at 3.
Greek 2.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
Greek 4.	<i>Three.</i>	Mo. We. Fr. at 11.
Greek 6.	<i>Two.</i>	Mo. We. at 3.
History 2.	<i>Three.</i>	Mo. We. Fr. at 2
History 3.	<i>Three.</i>	Tu. Th. at 3; Fr. at 10.
History 5.	<i>Two.</i>	Tu. Th. at 8.
History 7.	<i>Three.</i>	Mo. We. at 10; Fr. at 3.
Latin B.	<i>Four.</i>	Tu. Th. at 8; Fr. Sa. at 9.
Latin 2.	<i>Four.</i>	Mo. Tu. We. Th. at 3
Latin 4.	<i>Three.</i>	Tu. Th. at 2; We. at 10.
Latin 6.	<i>Three.</i>	Mo. We. Fr. at 2.
Latin 8.	<i>Three.</i>	Mo. We. Fr. at 11.
Latin 10.	<i>One.</i>	Th. at 10.
Latin 12.	<i>One.</i>	Tu. at 11
Logic 2.	<i>Three.</i>	Mo. We. Fr. at 3.
Mathematics 2.	<i>Four.</i>	Mo. Tu. Th. Fr. at 11.
Mathematics 4.	<i>Three.</i>	Mo. We. Fr. at 9.
Mathematics 6.	<i>Three.</i>	Mo. Tu. Th. at 10.
Mathematics 7.	<i>One.</i>	Tu. at 9.
Mathematics 8.	<i>Two.</i>	Hours to be arranged.
Mineralogy.	<i>Three.</i>	Mo. at 10; Lab. Tu. Th. 10 to 12.
Parl. Law 2.	<i>Two.</i>	We. Fr. at 8.
Physics 1.	<i>Three.</i>	Tu. Th. Sa. at 9.
Physics 3.	<i>Two.</i>	Lab. We. Fr. from 9 to 11.
Psychology 1.	<i>Four.</i>	Mo. Tu. We. Th. at 11.
Rhetoric 2.	<i>Two.</i>	Tu. Th. at 3.

DEPARTMENTS OF INSTRUCTION.

LATIN

Professor HARDIE.

Latin is a required subject during the first year of the courses leading to the degrees of Bachelor of Arts and Bachelor of Philosophy and is elective during the three following years. It is alternative with biology in the first year of the course leading to the degree of Bachelor of Science. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

HONORS.—Candidates for honors in this department are required to present a thesis in Latin upon some topic in connection with the work of the department. The honor examination will consist of the rendering and critical interpretation of a passage chosen from a Latin author; questions on the history of the Latin language and literature; and the discussion of topics in connection with the political and social institutions

of the Romans, their art and architecture, mythology, religion and philosophy. Two terms' practice in writing Latin in addition to the amount prescribed are required of candidates for honors in Latin.

LATIN A.—Fresh. I. Tu. Th. at 2; Fr. Sa. at 9.

Selections from Cicero, Cornelius Nepos and Aulus Gellius.

This course is designed for those who enter the course leading to the degree of Bachelor of Science with the minimum requirement in Latin, and desire to continue their study of the language. Translation is accompanied by a systematic review of forms and syntax and practice in writing Latin.

LATIN B.—Fresh. II. Tu. Th. at 8; Fr. Sa. at 9.

Selections from Vergil's *Aeneid*.

Translation of portions of Books I, II, IV and VI, with study of prosody and practice in scansion.

LATIN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 3.

Livy, Books XXI and XXII; Miller's Latin Prose Composition; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sentence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 3.

Cicero, *De Senectute* and *De Amicitia*; Plautus, *Mostellaria*; Writing Latin.

This term's work serves as an introduction to the study of Cicero's philosophical works. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus. Translation of Latin at sight and the translation of English narrative into Latin are continued. Careful attention is given to the study of Latin idiom.

LATIN 3.—I. Mo. We. Fr. at 2. Open to those who have had Latin 1 and 2.

Horace's Odes; Tacitus, Agricola and Germania.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire.

LATIN 4.—II. Tu. Th. at 2 and We. at 10. Open to those who have had Latin 1 and 2.

Horace's Satires and Epistles.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms, are discussed. Indications of his personal characteristics and opinions, his views on the conduct of life, and of the social and political conditions of his time, are all carefully noted.

LATIN 5.—I. Mo. Tu. Th. at 10. Open to those who have had Latin 1 and 2.

Catullus, Tibullus, Propertius and Ovid.

This course is designed for rapid reading and a considerable amount is covered. Attention is given to the tendencies of the age and the influence of the Alexandrine school as exemplified in the portions read. The elegiac poems of the authors named are compared and contrasted as expressions of personal feeling, and their works as a whole are considered as illustrative of contemporary life and thought.

LATIN 6.—II. Mo. We. Fr. at 2. Open to those who have had Latin 1 and 2.

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual develop-

ment of the language is then followed with special reference to its bearing upon Roman character and institutions. Reading of portions of selected authors and consultation of histories of literature in the classical library are required in connection with the lectures of the course.

LATIN 7.—I. Mo. We. Fr. at 11. Open to Juniors and Seniors.

Lucretius, *De Rerum Natura*.

In this course the Epicurean philosophy is studied as set forth in the work named. The author is also considered from a literary standpoint. A portion of the time is devoted to a study of the history of ancient philosophy, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 8.—II. We. Fr. at 11. Open to Juniors and Seniors.

Latin Grammar, Historical and Theoretical.

In this course the student is led to investigate the logical basis of the rules of grammar. A study is made of the origin and nature of various constructions, with illustrations from some of the more familiar authors. Especial attention is paid to the development and use of the subjunctive mood.

LATIN 9.—Tu. at 2. Open to those who have had Latin 1 and 2.

Roman Antiquities (Private Life).

This course is designed to give some acquaintance with the domestic and social life of the Romans. Among the topics treated are the Roman house, furniture and utensils, dress, daily occupations, social customs, education, amusements, art and religious institutions. The course is conducted by means of lectures and reports on assigned topics. Photographs and similar means of illustration are employed.

LATIN 10.—Th. at 10. Open to those who have had Latin 1 and 2.

Roman Antiquities (Public Life).

This course deals with the political life of the Romans. A study is made of the rights of Roman citizenship, the character of their public assemblies, the functions of the various magistrates, legislative and judicial procedure, and provincial administration.

LATIN 11.—Fr. at 2. Open to those who have passed in Latin 1 and 2.

Writing Latin.

This course is intended for students who are well grounded in the principles of syntax and have a good command of vocabulary. The course is devoted to a study of the peculiarities of Latin idiom and the essential differences between English and Latin modes of expression.

LATIN 12.—Tu. at 11. Open to those who have passed in Latin 11 with high grade.

Writing Latin.

This course is designed to cultivate facility of expression and appreciation of Latin style. Latin models are carefully analyzed, and the translation of English into Latin is varied with practice in original composition and the oral use of Latin. Potts's *Hints Towards Latin Prose Composition* is used for the guidance of the class. This course is open to only the most advanced students.

GREEK.

Professor FOSTER.

Greek is a prescribed subject during the Freshman year for those who have presented it upon entrance, and is elective during the Sophomore and Junior years. Instruction in this department is confined chiefly to the careful reading of representative writers. Grammatical criticism and exercises in writing Greek are recognized as means to an end, the end being the appreciation of Greek literature and, through it, of Greek thought. In rendering Greek, the use of idiomatic English is required, not, however, to the detriment of the style and spirit of the original. In this way the study of Greek is made to contribute to the discriminating use of English. Students in the Greek courses are entitled to the privileges of the classical library.

GREEK 1.—(Prescribed) Fresh. I. Tu. We. Th. Fr. at 9.

Select Orations of Lysias. Writing Greek.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. In this course special attention is given to the syntax of the moods and tenses; and one hour each week is devoted to writing Greek and kindred exercises. Before the end of the term the *Memorabilia* is begun.

GREEK 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 9.

Selections from Xenophon's *Memorabilia* of Socrates; Plato's *Apology* of Socrates, and *Crito*. Writing Greek.

The life and teachings of Socrates and related matters are carefully studied. Toward the close of the term a comedy is taken up. Increased attention is given to translation at sight and the attainment of facility.

GREEK 3.—I. Mo. We. Fr. at 3.

Demosthenes de Corona; with a study of the period involved.

Special attention is given to appreciative reading of the Greek text and effective rendering. A sound understanding of the political situation and of the events referred to in the argument is required, and supplementary reading indicated.

GREEK 4.—II. Mo. We. Fr. at 11.

Greek Tragedy; with a study of the Attic Theatre and related topics.

The authors ordinarily taken up are *Æschylus* and *Sophocles*. Supplementary reading is prescribed. Particular attention is given to the metrical reading of the Greek dialogue.

GREEK 5 and 6.—I. Tu. and Th. at 3; II. Mo. We. at 3.

These courses are designed to give a more perfect mastery to students already interested and proficient. The details of the programme are determined by the instructor after consultation with the class. The work commonly includes a thorough course in writing Greek, consisting in part of original composition, with regard for style as well as formal correctness. Translation at sight is made a prominent feature. Selections from Homer and from the Elegiac and Lyric poets are studied, with particular attention to metres and the metrical reading of Greek verse. A comedy is sometimes read.

FRENCH.

Professor LIOTARD.

French is a required subject during the first two years in Course B, and in the Scientific course is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the

language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin. The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 9.

Keetels's Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—(Prescribed) Fresh II. Mo. Tu. We. Th. at 9.

Keetels's Grammar concluded; Lamé Fleury's Mythology, or Perrault's Fairy Tales; Racine's Esther or Athalie.

This course consists of the reading and translation of easy French; some of the best passages of the famous French tragic author are committed to memory.

FRENCH 3.—(Prescribed) Soph. I. Mo. at 11; Tu. Th. at 8.

Molière's *L'Avare*; *La Neuvaine de Colette*; *Le Roman d'un Jeune Homme Pauvre*.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV, and from the works of some of the modern novelists.

FRENCH 4.—(Prescribed). Open to those who have completed course 3, or who entered with two years of French. Soph. II. Mo. at 11; Tu. Th. at 8.

Les Mémoires de St. Simon; Victor Hugo's *Quatre-vingt-treize*; Balzac's *Le Curé de Tours*.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—(Elective.) Open to those who have completed course 4, or who entered with three years of French. I. Tu. Th. at 2.

Writing French.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—(Elective—open to those who have completed course 5) II. Tu. Th. at 2.

Lectures on the French Literature of the 17th century.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first two years in Course C, and in the Scientific course is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction, are similar to those used in the French courses above described.

GERMAN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 10.

Thomas's German grammar, with copious exercises in the translation of English into German.

GERMAN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 10.

Grammar concluded; Höher als die Kirche; Immensee; Schiller's Der Neffe als Onkel.

GERMAN 3.—(Prescribed) Soph. I. Mo. We. Fr. at 8.

Schiller's Jungfrau and Maria Stuart.

GERMAN 4.—(Prescribed). Open to those who have completed course 2, or who entered with two years of German. Soph. II. Mo. We. Fr. at 8.

Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell.

GERMAN 5.—(Elective). Open to those who have completed course 4, or who entered with three years of German. I. Tu. Th. at 3.

Lessing's *Nathan der Weise*; Goethe's *Iphigenie auf Tauris*; selections from modern novelists.

GERMAN 6.—(Elective—open to those who have completed course 5) II. Tu. Th. at 3.

Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

President LEE, Professor GAINES, and Professor FOSTER.

ENGLISH A.—(Prescribed) Fresh. I. Fr. at 10. Professor FOSTER.

The aim in this course is to increase by exercise the student's control of his mother tongue. Each week a portion of the hour for recitation is devoted to writing on subjects then announced; the remainder, to general criticisms. Weekly readings, drawn generally from masterpieces of English prose fiction, supply the basis for these exercises.

Another feature is the writing of essays, which, as well as the weekly themes, are subjected to criticism and returned with the instructor's comments.

ENGLISH B.—(Prescribed) Fresh. II. Sa. at 9. Professor FOSTER.

The aim and methods here are the same as in English A. The weekly readings are chiefly taken, however, from the great essayists, whose style thus first comes under observation.

ENGLISH C.—(Prescribed) Soph. I. Tu. Th. at 2. President LEE.

Lectures are given upon the principles of English composition as related to the powers of observation, imagination and reasoning. Daily theme-writing is required for a part of the term, and longer exercises at frequent intervals. Special effort is made to develop the student's originality of thought and expression.

ENGLISH D.—(Elective, two hours—open to those who have completed English C) Tu. Th. at 10. President LEE.

Careful study will be made of the systematic plan and logical development of the various kinds of discourse. Outlines will be prepared and criticised, and from these whole compositions will be constructed.

PARLIAMENTARY LAW AND DEBATE 1.—(Elective) I. Two hours—We. Fr. at 8.

PARLIAMENTARY LAW AND DEBATE 2.—(Elective) II. Two hours—We. Fr. at 8.

Professor FOSTER.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of order are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary, and carefully prepared models are furnished for minutes, reports, resolutions, etc.; all written work is subject to revision by the instructor. Frequent debates are held upon practical questions, and all members are required to take part to a reasonable extent. The speeches are usually from fifteen to thirty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticized by the instructor at the close of each debate. Mere rhetoric and empty display are discountenanced, and a thoroughly practical and business-like style of speaking is inculcated; it is a constant aim to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best.

ENGLISH 1.—(Elective, three hours) I. Tu. Th. at 11; hours for writing to be arranged.

ENGLISH 2.—(Elective, two hours—open to those who have completed course 1) II. We. Th. at 9.

President LEE.

These courses are designed to give an adequate introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced courses which follow. The development of English literature is treated historically in a series of lectures (two hours a week during the first term, and one hour during the second term). Blackboard tabulations are used, students are required to take notes, frequent oral examinations are held, and a written examination is given at the close of each term. Parallel with the lectures is a prescribed course of reading, covering about the same ground and amounting to at least 3,000 pages. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed; but a moderate amount of election is allowed, that

the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. Students are required to prepare and present careful abstracts of everything read in the course, and to write numerous critiques under the supervision of the instructor and subject to searching criticism.

ENGLISH 3.—(Elective, one hour—open to those who have taken course 1) I. We. at 10.

Free election from the full selection list. This course is designed to supplement course 1.

ENGLISH 4.—(Elective, one hour—open to those who have taken courses 1 and 2) I. We. at 10.

Shakspeare and the Elizabethan drama: selected plays.

ENGLISH 5.—(Elective, one hour—open to those who have taken courses 1 and 2) I. We. at 10.

Dramatic literature in general: selected plays, including some translations.

ENGLISH 6.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

Largely free election from the list, but with certain requirements preliminary to course 7.

ENGLISH 7.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations, and with reference to the best English criticism.

ENGLISH 8.—(Elective, one hour—open to those who have taken courses 1 and 2) II. Th. at 11.

English prose writers, especially the essayists.

RHETORIC 1.—(Elective) Sen. I. Tu. Th. at 3.

RHETORIC 2.—(Elective) Sen. II. Tu. Th. at 3.

Professor GAINES.

These courses are continuous, and if the subject is elected it must be pursued throughout the year. The topics taken up during the first term are,—conviction, the finding and arranging of arguments; and persuasion, the arousing of the emotions and the influencing of the will.

The second term is devoted to the study of style and its qualities, and to elocution in relation to reading and speaking. The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's Elements is taken as a convenient basis. A large amount of written work is required. *

MATHEMATICS.

Professor FORD.

Mathematics is a required subject during the Freshman year. During the Sophomore, Junior and Senior years elective courses are offered.

The instruction offered in this department is intended to aid in the development of exact, concise, and independent reasoning, to cultivate the imagination and to inspire habits of original and independent thought. At the same time it is intended to afford those students who are desirous of doing advanced work in either Mathematics or Physics an opportunity for securing the necessary preliminary equipment. The student is taught from the beginning that memory, although an important factor in Mathematical study, is secondary to originality and invention.

In courses 1 and 2 special attention is given to a thorough drill in the subjects pursued. The work comprises the study of a text book, with recitations and frequent reviews, supplemented by lectures and original work. In all elective courses the subjects are developed by lectures accompanied by a careful and systematic questioning of the student during the progress of the lecture. Many problems are solved and original demonstrations required. Frequent recitations are given, the object of the recitation being to test the student's ability to apply readily what he has learned, rather than a repetition of the work previously developed by the lectures. Text books are used both for study and for reference.

MATHEMATICS 1.—(Prescribed) Fresh. I. Mo. Tu. Th. Fr. at 11.

Algebra.

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, general properties of equations.

MATHEMATICS 2.—(Prescribed) Fresh. II. Mo. Tu. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of Solid Geometry, the solution of numerical applications and original problems is required. In

Trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 3.—(Elective) Soph. I. Mo. Tu. Th. at 9. Open to students having courses 1 and 2.

Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—(Elective) Soph. II. Mo. We. Fr. at 9. Open to students having course 3.

Elements of Calculus.

The work will include simple and successive differentiation of explicit and implicit functions with application to the expansion of functions, evaluation of indeterminate forms and maxima and minima, and the integration of simple forms, with application. The course is designed to give enough of the elements of the subject to enable the student to take up intelligently a more thorough and systematic study of the Calculus, and of its application to physical and mechanical problems.

MATHEMATICS 5.—(Elective) I. We. Fr. at 10. Sa. at 9. Open to students having course 4.

(a) Differential Calculus and Modern Analytic Geometry.

(b) Integral Calculus.

In this course an opportunity is given to those who have taken course 4 to pursue the study of Calculus further. Special topics, necessarily omitted from the preceding course, are treated. Some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates. Courses (a) and (b) are given in alternate years.

MATHEMATICS 6.—(Elective) II. Mo. Tu. Th. at 10.

(a) Determinants and the Theory of Equations. Open to students having course 4.

(b) Solid Analytic Geometry. Open to students having course 3.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed. An elementary course in the geometry is given. Courses (a) and (b) are given in alternate years.

MATHEMATICS 7.—(Elective) II. Tu. at 9. Open to students having courses 1 and 2.

Spherical Trigonometry.

MATHEMATICS 8.—(Elective) II. (Hours as arranged). Open to students having courses 1 and 2.

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

ASTRONOMY.

Professor FORD.

ASTRONOMY 1.—(Elective) I. Mo. Tu. Th. at 8. Open to students having Mathematics 1 and 2.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental principles, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies.

ASTRONOMY 2.—(Elective) II. We. Fr. at 10. Open to students having Mathematics 7.

Spherical and Practical Astronomy.

In this course the study of the theory of instruments is taken up, astronomical problems are solved, and practical work with instruments (including a thirteen-inch reflecting telescope, presented to the College by Henry C. Maine, of Rochester), is pursued as far as the present facilities permit.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject in the second term of the Sophomore and the first term of the Junior year, and a complete course is given. For those who desire to do more advanced work in this department, elective courses are offered. Chemistry is required during the first term of the Sophomore year, and three terms of elective work are offered. In both subjects, the prescribed work consists partly of textbook study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Soph. II. Tu. Th. Sa. at 9.

PHYSICS 2.—(Prescribed) Jun. I. Mo. We. Fr. at 11.

General Physics.

These two courses are continuous. A text book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—(Elective). Open to students who have had courses 1 and 2. II. We. Fr. from 9 to 11.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—(Elective). Open to those who have had course 3. I. Tu. Th. from 2 to 4.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instruments of precision, accurate quantitative work in Mechanics, and the experimental verification of physical formulae. In the second term more advanced work in Heat, Light and Electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. I. Tu. Th. at 11, and We. Fr. from 9 to 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 2.—(Elective). Open to students who have had course 1. II. Mo. We. Fr. from 2 to 4.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts, Minerals, and Food Products.

CHEMISTRY 3.—(Elective). Open to students who have had course 2.
I. Mo. We. Fr. from 2 to 4.

Quantitative Analysis: Gravimetric and Volumetric Analysis; Analysis of Salts, and common Natural Products.

CHEMISTRY 4.—(Elective). Open to those who have had course 3. II.
Tu. Th. from 2 to 4.

Quantitative Analysis: Analysis of Water, Dairy and Food Products.

The above elective work is almost entirely in the laboratory, under the direction and supervision of the instructor. Note-books are frequently examined, and written work is assigned. The laboratory is well supplied with fine balances, graduated glassware, and apparatus for special analysis.

NATURAL SCIENCE.

Professor PRIEST and Professor FORD.

BIOLOGY 1.—(Prescribed, Scientific, Fresh. I; Elective in other courses)
Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific, Fresh. II; Elective in other courses)
Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

In this course the subject is pursued in more detail; with practical work, and lectures on natural selection, evolution, heredity, etc.

PHYSIOLOGY AND HYGIENE.—(Elective). Open to all students. I. Mo.
Tu. Th. at 10, Sa. at 9. Professor PRIEST.

Martin's "The Human Body" (Advanced Course) is used as a text-book, and is largely supplemented by lectures and practical work.

GEOLOGY.—(Elective) I. Mo. Tu. Th. at 10. Professor FORD.

Dynamical, structural, and historical geology are studied in the order named. A short time is also devoted to the principles of economic geology. The geological formations of the region are of unusual interest; out-door work is done while the season permits; and the excellent collections, belonging to the University, of fossils, minerals, and specimens illustrating the various rock formations, add greatly to the effectiveness of the department.

MINERALOGY.—(Elective) II. Mo. at 10, and Tu. Th. from 10 to 12.
Professor PRIEST.

The instruction consists, partly in the study of a text-book, with recitations, and partly in practical work with minerals. Models of crystals and the excellent mineralogical collection founded by the late Professor J. H. Chapin are used for illustration. Special attention is given to the more common ores and useful minerals, in which the region is rich. About one-half the time is devoted to blow-pipe analysis.

POLITICAL SCIENCE AND HISTORY.

Professor GAINES and Professor FOSTER.

In the work in History, stress is laid upon institutions, cause and effect, and the interdependence of nations and of ideas. The required work concerns itself with general history, while in the elective courses definite periods are made the subject of consideration. In all courses emphasis is laid upon individual work and the methods used are in accordance with this idea.

HISTORY 1.—(Prescribed) Fresh I. Mo. We. Fr. at 2. Professor FOSTER.

Ancient History.

Myers' Ancient History (or an equivalent) being required for entrance, no attempt will be made to follow the general narrative of this period, in greater detail. The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 2. Professor FOSTER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

Text books are used in courses 1 and 2, but the students are required to make frequent use of standard authorities.

HISTORY 3.—(Prescribed) Soph. II. Tu. Th. at 3; Fr. at 10. Professor FOSTER.

English History.

This course covers the political and constitutional history of England down to recent times. The course aims to present the growth and development of Anglo-Saxon institutions, especial emphasis being given to their bearing on American History. The main movements of continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. A thesis is required.

HISTORY 4.—(Elective, two hours) I. Tu. Th. at 8. Professor FOSTER.

American History down to 1829.

HISTORY 5.—(Elective, two hours) II. Tu. Th. at 8. Professor FOSTER.

American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories, constitute the basis of the work. A thesis is required.

HISTORY 6.—(Elective, three hours) I. Mo. Tu. Th. at 10. Professor FOSTER.

European History from the French Revolution.

In this course the main movements in European life during the last century are studied, together with the influence of the French Revolution, the Napoleonic Wars, and the struggles for liberal constitutions and the Reconstruction of Europe. Thesis.

HISTORY 7.—(Elective, three hours) II. Mo. We. at 10; Fr. at 3. Professor FOSTER.

International Law and Diplomacy.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given to enable the student to appreciate and understand the current discussion of questions along these lines.

ECONOMICS I and 2.—(Prescribed) Sen. I and II. Mo. We. Fr. at 9.
Professor GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures. Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

SOCIOLOGY.—(Elective, three hours) Sen. II. (Hours to be arranged).
Professor FISHER.

Students who are especially interested in social science, and who are already well grounded in the principles of political economy, may, upon application approved by the instructor, be admitted to Professor Fisher's course in sociology.

PHILOSOPHY.

Professor GAINES.

PSYCHOLOGY I.—(Prescribed) Jun. II. Mo. Tu. We. Th. at 11.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

PSYCHOLOGY 2.—(Elective) Sen. I. Mo. We. Fr. at 3.

This course embraces a brief history of philosophy, ancient and modern, physiology in its relations to psychology, and psychology and ontology. These subjects are treated partly in lectures, partly by study of a text-book and recitations, and partly by prescribed collateral reading. Frequent oral reviews are given, and a series of theses is required.

LOGIC 1.—(Prescribed) Sen. I. Tu. Th. Sa. at 9.

This course is mainly devoted to *deductive* reasoning, its conditions and legitimate procedure. It is the aim to study the subject, rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon (with constant critical discussion of each topic treated), with occasional lectures. Numerous reviews and examinations, both oral and written, are given. The topics thus treated embrace:—terms, their kinds and their defects; propositions, their kinds, critical interpretation, and transformations; the syllogism, its rules, forms, and transformations; fallacies, their kinds, and their analysis and detection.

LOGIC 2.—(Elective) Sen. II. Mo. We. Fr. at 3.

In this course *inductive* logic is treated. The methods used are similar to those above described:—the study of a text, with recitations, critical analysis, lectures, and a series of oral and written exercises. First is a critical study of the grounds of validity in inductive reasoning, then observation, experience, and hypothesis are carefully studied; this is followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. II. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

GENERAL INFORMATION.

SITUATION.

The University is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the institution, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Tuesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Friday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow

in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time. Each student is expected to attend regularly the Sunday services of the church of his choice.

Devotional exercises are conducted four times a week in the University Chapel, and all students are required to attend. Attendance at these exercises is under the supervision of the College Senate, consisting of four Seniors, three Juniors, two Sophomores, and one Freshman, with the President of the College as chairman.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given at the same time and also at the time for holding the examinations for entrance, but at no other time. Students desiring to avail themselves of such examinations must make application at least three days before the appointed time. No student is allowed to pursue courses more than one year in advance of any subject in which he is in arrears.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly eleven thousand volumes and several thousand pamphlets, comprising all classes of subjects and including many rare and valuable books. The library is open during the afternoon, Tuesdays, Wednesdays, Thursdays, and Fridays, throughout the College year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information application should be made to the Librarian (see page 7). The library

is contained in Herring Library Hall, a substantial fire-proof building with a capacity of 60,000 volumes, erected by the late Silas C. Herring, of New York City. Donations of books and money will be gratefully acknowledged.

SPECIAL LIBRARIES.

A study-room, furnished with a special library of classic texts, reference books, maps, etc., is provided for the use of students in the classical courses. Books in this library are intended for reference chiefly, but may be taken from the room between 5 p. m. and 9 a. m. by permission of a professor of the department (see page 8). A special library is also furnished for the use of students in the literature courses (see page 37). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 40). On the third floor is the biological laboratory. There is a valuable collection of rocks and fossils, illustrating the various geological formations. In addition to the general collection of minerals, the College owns the Chapin-Andrews Collection of Minerals. This collection is a valuable and unique one, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

The Gymnasium, erected in 1896, is a handsome and commodious building, eighty-two by forty feet, situated south of College Hall, and comprises a large gymnasium hall above, equipped with apparatus for present use, and ample dressing-rooms below, fitted with individual lockers. Pulley-weights, Indian clubs, dumb-bells, wands, rings, and horizontal and parallel bars, are the principal forms of apparatus used. A thorough physical examination of each student is made by the medical examiner, according to whose advice the gymnasium work is adapted to

each case. All who pass a satisfactory examination are required to take systematic exercise three hours each week under the instruction of the director of the gymnasium. The objects of the course are to maintain health and strength and to secure perfect physical development.

Separate gymnasium classes are formed for the young women of the College and the exercises are specially adapted to their strength and needs.

PRIZES.

Prizes in money or books are given for special excellence in various branches of the college work.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the best work in debate.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the most complete and exact knowledge of parliamentary law as evinced on examination.

Two prizes, of fifteen dollars and ten dollars respectively, for the best work in declamation, are this year offered to the young women of the College by Mr. Norman Anthony, of Galesburg, Illinois. Mrs. Helena Crumett Lee offers two months' training in elocution and physical culture to the competitors for these prizes.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President. A fee of \$4 per year will hereafter be charged for the use of the Gymnasium.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.00 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills will be made out by the Treasurer; each bill will contain one-half the annual charges. The first bill will be due and payable on the first day of the College year; the second bill will be payable on the opening day of the second term.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders:

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D. D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000, the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., Treasurer of the University.

The MOSES HENRY HARRIS scholarship, founded in 1889 by the First Universalist Church of Worcester, Mass., in honor of Rev. Moses Henry Harris, D. D.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications should be made, has sole power to nominate candidates for these scholar-

ships. The Board is restricted, however, to the nomination of such as are actually members of the said Institute, and shall certify that in their opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship from such Board, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the President.

FINAL HONORS.

Honors are conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments are printed in honor lists on the Commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, AND PHILOSOPHY.

Candidacy for Honors is determined on the basis of grades, and the

unit of reckoning is the term-hour, i. e., work involving one hour per week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, are eligible for Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department are eligible for Honors in that department. Every candidate for honors is required to pass with distinction a special honor examination in the work of the department in which he is a candidate for honors and also to pass with credit a thorough examination on a special topic connected with the line of study in which he is a candidate for Honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. The performance of such work must extend over at least one term under the guidance and supervision of the head of the department, and the results attained must give evidence of careful and critical study. Candidates for honors must indicate the departments in which they seek honors prior to March 1st of their Senior year; but it is desirable that honor work be begun much earlier in the year. Honor examinations are held during the last week in May, and all other honor work must be completed before that time. Final honors are awarded by the Faculty at discretion upon evidence of superior qualifications demonstrated in the manner stated.

Recipients of Honors or Highest Honors who attain an average grade of at least 80 in all departments, will receive a degree with distinction under the following conditions. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. In rare cases students who attain this distinction and who show in their work an unusual degree of aptitude, thoroughness and originality, may be graduated *summa cum laude*, at the discretion of the Faculty.

DEGREES.

The requirement for graduation is the completion of a four years' College course, with a satisfactory grade in all the prescribed studies and in the required number of term-hours of elective work, and the presentation of a thesis.

The degree of Bachelor of Arts will be conferred upon any candidate who, having satisfied the requirement for admission, has completed Course A, Course B, or Course C. (See pages 21, 22, 23).

The degree of Bachelor of Science will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 24).

The degree of Bachelor of Philosophy will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 25). The degree of Bachelor of Philosophy will not, however, be open to students entering College hereafter.

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

Any *three* of the following courses may be chosen. An original thesis in Latin on some topic in connection with the line of study chosen is required.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.

2. Tacitus, *Annals*, Bks. I-VI (Furneaux's edition); Selections from Suetonius; Merivale's *History of the Romans under the Empire*, with careful study of the character of Tiberius and the political institutions of the Early Empire.

3. Cicero, *De Finibus*; Mayor's *History of Ancient Philosophy*; Zeller's *Stoics, Epicureans, and Sceptics*.

4. Four comedies each of Plautus and Terence; Moulton's *The Ancient Classical Drama*, with careful study of the metres of comedy and the development of the drama.

5. Wordsworth's *Fragments and Specimens of Early Latin*; Whitney's *Life and Growth of Language*.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The *Iliad* and the *Odyssey* entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.

2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's *Rhythmic and Metric*, and Haigh's *Attic Theatre*.

3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.
4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.
5. An equivalent amount from the Attic Orators, with the history of the period involved.
6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's Short History of the English People; Taine's History of English Literature; Arnold's Manual of English Literature; Hunt's or Minto's English Prose; Stedman's The Nature of Poetry, Victorian Poets, and Poets of America; Lanier's Science of English Verse; and a critical reading of the following: Ward's English Poets entire, or a total of about 3,000 pages (at least 30 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspeare; Bacon's Essays, and an equal amount (i. e., about 200 pages each— a page to contain at least 300 words) from the works of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's System of Logic; Hamilton's or Bowen's Logic; Fowler's Inductive Logic; Ueberweg's History of Philosophy; Hamilton's Metaphysics; Bowen's Modern Philosophy. Plato's Dialogues (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's Introduction to Ethics; Sidgwick's Methods of Ethics.

POLITICAL SCIENCE.

Smith's Wealth of Nations; Mill's Political Economy; F. A. Walker's The Wages Question; Bowen's or Cary's Political Economy; Roscher-Lalor's Political Economy; Cossa's or Blanqui's History of Political Economy.

Amos's Science of Law; Woolsey's Political Science; Lieber's Political Ethics.

This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Deschanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoe's and Schorlemmer's Treatise on Inorganic Chemistry; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's Text-Book; Brooks's Hand-Book of Invertebrate Zoology; Parker's Zootomy; Works of Darwin and Spencer.
2. Botany: Sachs's Text-Book; Goodale's Physiological Botany; Arthur, Barnes, and Coulter's Plant Dissection; Gray's Manual.
3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediæval History.

Emerton's Introduction to the Study of the Middle Ages and Emerton's Mediæval Europe (these as a ground-work of study); Bryce's Holy Roman Empire; G. W. Cox's Crusades (Epoch Series); Oman's Europe 476-918; Kitchin's History of France, Vol. I, in topical study; Milman's Latin Christianity, Vols. III to VII, inclusive, as to Papacy; Giesebrecht's Die Deutsche Kaiserzeit, for topics concerning the Empire to death of Barbarossa (5 vols.); Waitz's Deutsche Verfassungsgeschichte, Vols. V to VIII inclusive, or Rambaud's Histoire de la Civilization Francaise, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's Larger History as a preliminary; Freeman's Norman Conquest; Gairdner's Houses of Lancaster and York, Creighton's Age of Elizabeth, Gardiner's Puritan Revolution, and McCarthy's Epoch of Reform, all from the "Epoch Series". For topical reading; as to development of institutions, Stubbs's Constitutional History, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Froude, Stanhope, and others.

3. Modern European History.

Ranke's History of Germany in the Period of the Reformation, and History of France in the Sixteenth and Seventeenth Centuries; Fyffe's History of Modern Europe; Morse Stephens' Europe from 1789 to 1815; from the "Epoch Series", Seeböhm's Era of the Protestant Revolution, Creighton's Age of Elizabeth, Gardiner's Thirty Years' War, Morris' Age of Anne, and Longman's Frederick the Great and the Seven Years' War. For special topics, other reading offered to suit the individual case. Ability to use French and German books is necessary.

4. American History.

Lodge's History of English Colonies in America, Frothingham's Rise of the Republic, and Epochs of American History (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's Washington, Morse's Jefferson; Schurz's Clay, Von Holst's Calhoun, Sumner's Jackson, and Morse's Lincoln; Rhodes' History of the United States from the Compromise of 1850, Vols. I and II. As to special topics, Baneroff's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's Histories as required.

Only those who are graduates of this College are admitted as candidates for the Master's degree.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

THE THEOLOGICAL SCHOOL

THE CANTON THEOLOGICAL SCHOOL.

The Seminary, now in its fortieth year, was formally opened in April, 1858. The late Ebenezer Fisher, D.D., was President from the opening until his death in 1879. For the last nineteen years the School has been under the present management. In the interval of forty years over 360 students have been received and over 330 have been sent out into the Ministry of the Universalist Church. The Seminary has been open from the beginning to men and women on the same terms and twenty-eight women have been enrolled in its classes.

The Seminary was founded by the Universalist Church for the education of its ministry. This fact is never lost sight of. The aim is to send out into the ministry of the Church persons not only qualified to teach and to preach, but alive with interest in the great and advancing principles of Universalism, and loyally devoted to the welfare of the organization to which the maintenance of these principles is committed.

The Canton Theological School is an independent department of the St. Lawrence University, occupying in common with the College of Letters and Science the grounds, Library and Gymnasium, but having its own building and its separate faculty, funds and government. Students in the Theological School are eligible to instruction in the College classes, as are also College students in the classes of the Theological School.

FACULTY OF THE THEOLOGICAL SCHOOL.

REV. ISAAC MORGAN ATWOOD, D.D.,

President, and Dockstader Professor of Theology and Ethics.

REV. JOHN STEBBINS LEE, D.D.,

A. C. Moore Professor of Ecclesiastical History and Archaeology.

REV. HENRY PRENTISS FORBES, D.D.,

Craig Professor of Biblical Languages and Literature.

REV. LEWIS BEALS FISHER,

Ryder Professor of Pastoral Theology and Sociology.

REV. FREDERICK WILLIAM BETTS,

Non Resident Lecturer on Preaching, for 1898.

REV. WILLARD C. SELLECK,

Non Resident Lecturer, for 1897.

STUDENTS.

GRADUATES, JUNE, 1897.

Anna Belle Aldridge,
 John Wesley Carter,
 George Eliot Cooley,
 James Herrick,
 Galusha A. King,
 Charles Edward Lund,
 Thomas Fremington May,
 William Hector Murray, A. B.,
 Hattie May Sias,

Natural Bridge.
 Winthrop.
 Rutland, Vt.
 Cicero.
 Morris.
 Orono, Me.
 Bristol.
 Troy.
 Springfield, O.

GRADUATE STUDENTS

AND CANDIDATES FOR B. D.

Rev. Alfred Frederick Booth, M. S.,
 Rev. John Wesley Carter,
 Rev. Leroy Wilson Coons,
 Rev. Lorenzo Dow Case, Ph. B.,
 Rev. James Herrick,
 Rev. Ralph Edwin Horn,
 Rev. Galusha A. King,
 Rev. Thomas Fremington May,
 Rev. Frank Wagner Miller,

St. Albans, Vt.
 Winthrop.
 Pittsfield, Me.
 Rome.
 Cicero.
 Brooklyn, Pa.
 Morris.
 Bristol.
 Webster.

SENIOR CLASS.

Franklin Elihu Adams,
 Samuel Gilbert Ayres,
 Clara Elizabeth Morgan,
 Harvey Edward Newton,
 Robert Bennie Wetmore,

Hop Bottom, Pa.
 New York City.
 Mohawk.
 Cortland.
 Fredonia.

MIDDLE CLASS.

George Cross Baner,
 Flora Bronis,
 W. Harry Reed,

Spokane, Wash.
 Rochester.
 Macedon.

JUNIOR CLASS.

Ina M. Bridgeman,
 Benjamin Franklin Butler,
 Ida E. Estes,
 Edwin A. Holmes,
 Lewis Robinson,
 Hal Holmes Stearns,

Hardwick, Vt.
 West Potsdam.
 Hardwick, Vt.
 Wales.
 Nicholville.
 Dayton, O.

DEPARTMENTS OF STUDY.

The principle of equivalence now advocated and very generally adopted in colleges has an important bearing on the rank and value of courses of study in the technical schools. That principle is, that a course of instruction is to be estimated, not by the fidelity with which it follows the traditional lists of topics, but by the *equivalent value* of the studies pursued as means of intellectual development and discipline and as sources of knowledge. On that principle, logically applied, it may well be considered whether the regular and full course of study required in the Seminary does not entitle its graduates to the degrees, or to equivalent degrees, earned by graduates of colleges.

While nearly everything that concerns an education is taught in the Seminary, from English Orthography to Hebrew Syntax, there are nine principal Departments of study: Ethics, History, Sociology, Criticism and Interpretation, Comparative Religions, Theology, Church Administration, Homiletics, and Apologetics.

I. ETHICS.

The aim in this study is to master the true theory of the moral powers and the principles and limitations of their action. To this end the subject is first taken up as a science, and afterwards considered in its application to practical life.

II. HISTORY.

General History is pursued until the student acquires a knowledge of its relations to Church History, to ancient Sacred History, to the History of Dogma and of the modern sects. To this study succeeds as much special work in the departments related to religion as time can be found for.

III. THEOLOGY.

Old and New Testament Theology, Dogmatic Theology, Denominational Theology, and Systematic Theology receive each in turn the attention of the student. The purpose is not so much to ground him in a belief as to give him the knowledge which should underlie rational faith.

IV. COMPARATIVE RELIGION.

Much attention has always been given in this School to the subject of Comparative Religions. Great progress has been made in recent years both in the knowledge of the religions with which Christianity must be

compared and in the production of facilities for the study. This Seminary avails itself of the latest and best helps in this Department.

V. HOMILETICS.

The science and art of preaching are taught here theoretically and practically. It is believed that in no similar institution does the student obtain more intelligent guidance or acquire more practice in the business of making and delivering sermons. Beginning with the second year the composition and delivery of sermons, with criticism, continues through the course.

VI. APOLOGETICS.

The new method of dealing with the subject of the Evidences which has come into so great favor in Germany, Scotland and England, and of which the works of Kaftan, Bruce and Macgregor are so persuasive examples, has been adopted in this Seminary. At the same time the external historical evidences, direct and indirect, are not neglected.

VII. CHURCH ADMINISTRATION.

Pastoral Theology is the name given to one chair in the Canton School; but the large subject of the care and administration of churches; including the questions of revenue, church extension, the institutional church, denominationalism, pastoral duties and relations, with many more subjects of moment to the great business of religion, is given close and continuous attention.

VIII. PSYCHOLOGY.

The "Old" and the "New" Psychology are expounded to the student, but neither is taught as authoritative and final. A substance of teaching which may be said to be derived in part from each, and to differ in important respects from both, finds favor with teacher and pupils.

IX. INTERPRETATION AND CRITICISM.

The competence of the instructor in the department of Biblical Languages and Literature is widely recognized. While nothing belonging to present knowledge of the Scriptures is overlooked, and the point of view is that of scientific interpretation as distinguished from literalism and dogmatism, a spirit of reverence and well-grounded faith presides over the various, critical and interesting inquiries that arise in this study.

INSTRUCTION IN GERMAN.

Dr. Forbes, an interested and critical student of German Theology, has classes in German throughout the course. An unusually favorable opportunity is thus offered to students to take up the study of German and to become acquainted with "German Theology" by access to its original sources.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM—

Rhetoric—Hart's Manual; Prof. A. S. Hill's Foundations of Rhetoric; Exercises. Prof. ATWOOD.

Logic—Jevon's Lessons, with Lectures. Prof. ATWOOD.

Greek—Harper's N. T. Method. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Biblical Geography and Antiquities—Hurlbut's Manual and Lectures. Prof. LEE.

Principles of Evolution—Evolution and Religious Thought. Prof. FISHER.

SECOND TERM—

Rhetoric—The Art of Composition; The Art of Discourse; Themes. Prof. ATWOOD.

Ethics—Muirhead's Elements of Ethics; Hyde's Practical Ethics; Martineau's Types of Ethical Theory; Lectures. Prof. ATWOOD.

Hurst's Outline of Church History. Prof. FORBES.

Archæology—Lectures. Prof. LEE.

Ecclesiastical History—Fisher, with Schaff as reference. Prof. LEE.

Greek—Gospel of John; New Testament Text, and Manuscripts. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

SECOND YEAR.

FIRST TERM—

Rhetoric—Study of Style—Critical Exercises, Lectures. Prof. ATWOOD.

Sacred Rhetoric—Homiletics; Phelps's Theory of Preaching. Drill in planning sermons. Prof. FISHER.

Ecclesiastical History—Fisher's Reformation. Prof. FORBES.

Greek Testament—Selections from the Gospels, with Harper's Grammar. Prof. FORBES.

Pastoral Theology—Lectures on the Care and Administration of the Church. Profs. ATWOOD AND FISHER.

Hebrew—Gesenius's Grammar and Exercises; Selections from the Historical Books. Prof. FORBES.

SECOND TERM—

Psychology—Dewey's Third Edition—Baldwin—Sully—Lectures. Prof. ATWOOD.

Homiletics—Studies of History of English and American Pulpits; Analysis of Sermons of Eminent Preachers. Prof. FISHER.

History of Doctrines—Fisher, with Lectures, Ballou's Ancient History of Universalism and Beecher's History of Retribution. Prof. LEE.

Exegesis—Critical Study of the Greek of the New Testament and Interpretation. Prof. FORBES.

Greek—Pauline Epistles. Hermeneutics—Immer. Prof. FORBES.

Hebrew—Selections from the Old Testament. Prof. FORBES.

THIRD YEAR.

FIRST TERM—

Rhetoric—Instruction in the Art of Expression and of Communication. Prof. ATWOOD.

Homiletics—Study and Criticism of Sermons. Profs. FISHER and ATWOOD

Theology—The Latest Word of Universalism, with Lectures. Prof. ATWOOD

Apologetics—Bruce; Wright's Logic of the Christian Evidences. Prof. ATWOOD.

Comparative Religion—Menzies' History of Religions—Toy—with Lectures. Prof. FISHER.

Greek Testament—Critical Readings and Exposition. Prof. FORBES.

Old Testament—Origin of Books, History of Canon, Prophecy, Driver's Introduction to the O. T. Prof. FORBES.

SECOND TERM—

Emotional Religion and the Inner Life—Lectures on The Doctrine of Prayer. Prof. LEE.

Old Testament Theology—Oehler or Schultz's; Lectures. Prof. FORBES.

Evidences—Bruce's Apologetics; Norton's Genuineness; Huidekoper's Indirect Testimony; Wright's Logic, Part III. Prof. ATWOOD.

New Testament—Dod's or Wright's Introduction; Cone's Gospel Criticism; History of Text; of Canon. Prof. FORBES.

Theology—Lectures on Systematic Theology. Prof. ATWOOD.

Hebrew—Readings from the Psalms and the Prophets. Prof. FORBES.

Sociology—Social Economics and Social Problems; Economics and Applied Christianity—Giddings, Small, Vincent. Prof. FISHER.

FOURTH YEAR

Theology—Fairbairn's—The Place of Christ in Modern Theology. Prof. ATWOOD.

Natural Theology—Valentine. Bascom. Prof. ATWOOD.

Hebrew—Critical Study of the Hexateuch. Prof. FORBES.

Exegesis—Critical Reading of the New Testament. Prof. FORBES.

Christianity in its Relation to Science—Hill's Natural Sources of Theology; Natural Law in the Spiritual World; Drummond's Ascent of Man. Prof. ATWOOD.

Theology of the New Testament—Cone's The Gospel and its Earliest Interpretations; Reuss, or Weiss, with Lectures. Prof. FORBES.

Life of Christ—Geikie—Edersheim. Prof. LEE.

Theological Encyclopædia.

Preaching—Composition and Criticism of Sermons. Prof. FISHER. Prof. ATWOOD.

Ecclesiastical History—Uhlhorn's Christianity and Paganism. Continuity of Christian Thought. Prof. LEE.

NOTE.—Students are advised not to provide themselves with text-books before coming to the School, except on consultation with the Faculty.

INFORMATION.

TERMS AND VACATIONS.

The School Year begins the last Wednesday in September—this year September 28. Commencement is the last Tuesday in June—this year June 28.

CONDITIONS OF ADMISSION.

The students particularly desired are those who give promise of usefulness in the ministry of the Universalist Church. The best preliminary preparation is a classical course in college. Students whose opportunities have not admitted of such preparation are received if they possess a High School or equivalent education in English. Sound moral principle and approved Christian standing are indispensable.

Applicants for admission must bring satisfactory testimonials as to their moral and religious character; if they are members of any church—which it is very desirable they should be—they should bring certificates to that effect.

EXPENSES.

No charge is made for tuition, or for the use of the library.

A society known as the *H I A* has instituted a club house in which board costs about \$3 a week.

Board may also be obtained in private families at \$3.50.

The necessary expenditure for each student is, at the maximum, about \$180 a year, of which \$122.50 is for board.

The General Convention grants aid by means of loans to students desiring to avail themselves of it. They can add to their resources by preaching during vacations, or at other times, when deemed advisable by the Faculty.

LIBRARIES.

The Herring Library was founded by the munificence of the late Silas C. Herring, of New York. It contains a valuable and well selected collection of about 9,000 volumes. Among its contents are the libraries of the late Rev. Samuel C. Loveland and of the late Prof. Dr. K. A. Credner, of the

University of Giessen. The latter is especially rich in the departments of Biblical Criticism and Ecclesiastical History, and contains a large amount of rare and valuable literature of the early decades of the sixteenth century: works of Zwingli, Luther, Erasmus, Melancthon, Reuchlin, Bugenhagen, and other noted writers of the era of the German Reformation. Many of these books are exquisitely bound.

The library is being enlarged gradually by means of a fund donated for the purpose, and by contributions from friends. It is hoped that the present collection may be only a nucleus for large accessions in the future.

Valuable private libraries are also accessible to students of the school.

THE REFERENCE LIBRARY.

The utility of a collection of books, under the same roof with the class-rooms, for consultation in daily work, had so often impressed itself upon the Professors that the President in 1892 laid the foundation for a Reference Library by the purchase of about 100 volumes. This collection has been increased gradually by gift and purchase; and now by the generosity of a friend of the School, Mr. Lyman Bickford, of Macedon, N. Y., a fund of \$1,000 has been secured, from the income of which substantial and valuable additions are made from time to time.

FISHER MEMORIAL HALL.

The Theological School owns and occupies Fisher Memorial Hall, which was erected for its special and exclusive use in 1883. The building contains, besides class-rooms, office and Reading Room, a large and beautiful Chapel, designed as a memorial of the first President, the late Ebenezer Fisher, D. D. As a matter of convenience, and as a courtesy on the part of the Theological School, the College has held its chapel in this room during the last four years, twice a week jointly with the Theological School and three times a week alone. Though the arrangement was regarded as temporary it seems to be agreeable to all parties, and so long as it is so it is likely to be continued.

READING ROOM.

The Theological School has established a Reading Room in its own building. An annual fee of \$1.00 from each student is required by the Board of Trustees, for its support, and as the condition of enjoying all its privileges. In addition to various secular publications, the Reading Room keeps on file the following denominational and religious publications:

The Universalist Leader, Independent, Universalist Herald, Christian Register, Outlook, Advance, Unitarian, Bibliotheca Sacra, Sunday School Helper, Old and New Testament Student, Homiletical Review, Literary Digest, The Thinker, Christian Literature, The Sunday School Times, Atlantic, The New World, etc.

DIPLOMAS AND DEGREES.

The regular course of instruction extends through three years. Those only will be considered graduates of the School and entitled to its diploma, who shall have completed the three years' course of study herein laid down. Those who desire, may pursue a partial course, and will be entitled to a certificate stating the extent of the same, but the completion of the full course is desired by the Faculty, and will, so far as possible, be secured.

A Post Graduate Course has been established, to be completed by graduates in one year. The degree of *Bachelor of Divinity* is conferred on those completing this course, or its equivalent.

SCHOLARSHIPS AND FUNDS.

In addition to the Scholarship Loans made by the General Convention to Theological Students, on terms and conditions prescribed by the Board, the Seminary holds "The Lester Taylor Fund" and "The Sarah A. Gage Fund," the income of which it is authorized to use for "the support and education" of students for the Universalist Ministry attending this School and complying with the conditions of the benefaction.

GENERAL EXERCISES.

Lectures on personal and professional culture, the practical work of the ministry, and other topics connected with the care and administration of the church, are delivered by the President, on Monday afternoons.

Lessons in Rhetoric and in Elocution are given regularly once a week.

After the study of Homiletics is commenced, in the second year, sermons are preached and criticised on Thursday of each week during the remainder of the course.

A critical and exegetical study of the Greek Testament is pursued during the Second and Third years, under the direction of the Professor of Biblical Languages.

Conference meetings, conducted in succession by the Professors and by the Students of the different classes, are held every Wednesday evening in the Chapel.

Examinations, either oral or written, are a regular order at the close of each term.

MISCELLANEOUS.

As a general answer to many inquiries it may be stated here that, (1) The Canton Theological School is located at the county seat of St. Lawrence county, in Northern New York, on the Rome, Watertown & Ogdensburg R. R.; (2) That the University buildings are within the corporation, near the railway station, and conveniently situated for those who desire to board in the village; (3) That one of the oldest and best Universalist parishes in the State is here; while the Universalist element is strong in the whole region; (4) That the opportunities for undistracted study are equal to the best; and that in the item of expense, a student could scarcely expect to be more favorably conditioned. It may be further stated that Canton has the reputation of being one of the healthiest places in the country—a reputation which it has amply sustained in the experience of over thirty classes of students. The latest Report of the Bureau of Vital Statistics places Canton next to the most healthful locality in the State.

Theological Students are eligible to the privilege of instruction in any of the regular classes or courses in the College. But they are required to obtain permission from the Faculty to enter on any such study, and are allowed to pursue it only to such extent as will not interfere with work in their own department.

GENERAL SUMMARY.

Trustees,	25
PROFESSORS.	
College of Letters and Science,	10
Theological School,	4
Lecturers and other officers,	5
STUDENTS.	
College of Letters and Science,—	
Graduate Students,	22
Senior Class,	14
Junior Class,	20
Sophomore Class,	22
Freshman Class,	28
Special Students,	20—126
Theological School,—	
Graduate Students,	9
Senior Class,	5
Middle Class,	3
Junior Class,	6— 23
	<hr style="width: 50px; margin-left: auto; margin-right: 0;"/> 149
Names entered twice,	5
	<hr style="width: 50px; margin-left: auto; margin-right: 0;"/>
Total,	144

ACKNOWLEDGMENTS.

The University hereby makes grateful acknowledgment of the receipt of the following gifts. Pledges made during the past year, to be paid hereafter, will be duly acknowledged in the next issue of the Catalogue:

For the College of Letters and Science: From Mrs. Kate A. L. Chapin, \$5,000, making, with previous payments, \$19,000 in payment upon a gift of \$30,000 to endow the Chapin Professorship of Mineralogy and Geology, founded in 1894 in memory of her husband, the late Professor James Henry Chapin, Ph. D.

For the Woman's Professorship: From Mrs. Harriet Lewis, \$1500; Miss Sarah E. Sprague, \$100; J. H. Barnum, \$25; Silas A. Lottridge, \$5; Rev. R. E. Sykes, \$5; Mrs. Lucy G. Bucklin, \$5.

For general purposes: bequest of the late Mrs. Frances C. Steele, \$500; from Jacob Zoller, \$10; Rev. G. A. Kratzer, \$5; Rev. V. E. Tomlinson, \$6; Miss Sarah Golden, \$5; bequest of the late Julia A. Clark, \$232.50.

For the Mary E. Newcomb Scholarship: bequest of the late Mrs. Sophronia R. Haskell, \$1000.

For the Gymnasium: From William Vogel, \$100; Ogden Mills, \$25; Holton D. Robinson, \$50; Mrs. Harriet Lewis, \$25; Mrs. Kate A. L. Chapin, \$25; Hon. T. H. Swift, \$25; Frank T. Post, \$25; Miss Eva Bates, \$25; Geo. Robinson, \$25; Rev. C. E. Fisher, \$10; Rev. T. E. Potterton, \$5; Rev. G. I. Keirn, \$5; Rev. H. W. Carr, \$5; C. M. Burklew, \$5; C. Wilber, \$1.

For the Theological School: bequest of the late Mrs. Frances C. Steele, of Brownville, Jefferson Co., \$500. From the estate of the late Moses D. Cummings, of New Lisbon, Otsego Co., \$3500, as follows: Cash \$500; lot in Omaha, Neb., valued at \$1500; mortgage on house and lot in Omaha, \$1000; mortgage on land in Sec. 24, township 16, Range 12, east, in Nebraska, \$500. These mortgages, though for the sums stated, are of uncertain value. From the estate of the late Julia A. Clark, of Onondaga Co., one-half of her bequest to the St. Lawrence University, amounting to \$232.50.

For Herring Library: donations of books from Dr. John G. Curtis, Dr. Frederic S. Lee, Mrs. Helen Hinsdale Rich, Hon. W. L. Strong, and the Rev. J. S. Dennis, D. D.

FORMS OF BEQUESTS.

I. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the COLLEGE OF LETTERS AND SCIENCE of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said COLLEGE OF LETTERS AND SCIENCE.

II. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the LIBRARY of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be used for the maintenance and increase of said LIBRARY.

III. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars for the use of the THEOLOGICAL SCHOOL of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be used or expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said THEOLOGICAL SCHOOL.

IV. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of One Thousand Dollars, for the foundation of a perpetual Scholarship in said University, to be called the SCHOLARSHIP, on condition that the same shall be securely invested, and the principal never expended, and that the net income therefrom shall be devoted to the payment of the term-bills of the incumbent of said Scholarship.

V. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of Thirty Thousand Dollars, for the endowment of a Professorship in said University, to be called the PROFESSORSHIP, on condition that said money shall be securely invested, and that the principal shall never be used or diminished, and that the net income therefrom shall be devoted to the payment of the salary of the incumbent of said Professorship.

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CATALOGUE
OF
SAINT LAWRENCE UNIVERSITY

CANTON, NEW YORK



1898-99

CANTON, NEW YORK
PUBLISHED BY THE UNIVERSITY

1899

PLAIN DEALER PRESSES, CANTON, N. Y.

GENERAL CALENDAR.

1898.

- Sept. 16, Friday, Second Entrance Examinations—College.
- Sept. 20, Tuesday, First Term began—College.
- Sept. 28, Wednesday, First Term began—Theological School.
- Nov. 23, Wednesday, Thanksgiving Recess began.
- Nov. 28, Monday, Work resumed.
- Dec. 23, Friday, Christmas Recess began—College.

1899.

- Jan. 9, Monday, Christmas Recess ends—College.
- Jan. 26, Thursday, Term closes—Theological School.
- Winter vacation, twenty-seven days—Theological School.

- Feb. 11, Saturday, First Term closes—College.
- Feb. 13, Monday, Second Term begins—College.
- Feb. 22, Wednesday, Second Term begins—Theological School.
- Mar. 29, Wednesday, Easter Recess begins—College.
- Apr. 4, Tuesday, Easter Recess ends—College.
- Apr. 28, Friday, Tree Holiday—University.
- May 26, Friday, Field Day—University.
- June 3, Saturday, Senior Vacation begins—College.
- June 23, Friday, 9 a. m., First Entrance Examinations—College.
- June 24, Saturday, 9 a. m., Entrance Examinations continued—College.
- June 25, Sunday, Baccalaureate Sermons.
- June 26, Monday, 4 p. m., Meeting of Alumni Association.
- June 27, Tuesday, 9 a. m., Thirty-Ninth Commencement—Theological.
- June 27, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
- June 28, Wednesday, 9 a. m., Thirty-Fifth Commencement—College.
- June 28, Wednesday, 2 p. m., Commencement Dinner.
- June 28, Wednesday, 8 p. m., Reception—Alumni Association.

Summer Vacation, twelve weeks—College.

Summer Vacation, thirteen weeks—Theological School.

- Sept. 15, Friday, 9 a. m., Second Entrance Examinations—College.
- Sept. 16, Saturday, 9 a. m., Entrance Examinations continued—College.
- Sept. 18, Monday, 9 a. m., Matriculation of Freshmen.
- Sept. 19, Tuesday, First Term begins—College.
- Sept. 27, Wednesday, First Term begins—Theological School.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, the University embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two departments are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the departments. The by-laws of the corporation provide "that the College of Letters and Science is and shall remain an unsectarian foundation * * * and that the Theological School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of "the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858. The first class was graduated in 1861.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1864, the preparatory school was discontinued. The first class was graduated from the College in 1865.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$470,000, of which \$350,000 are endowment funds, has been the result of private benefactions.

CORPORATION.

OFFICERS.

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Professor of Mathematics.

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Cummings Professor of Natural Science.

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Craig Professor of Intellectual and Moral Philosophy, and of Political Economy.

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Chapin Professor of Geology and Mineralogy.

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Medical Examiner for Men.

LUCIA ELIZABETH HEATON, M.S., M.D.,
Medical Examiner for Women.

DEGREES CONFERRED JUNE 29, 1898.

IN COURSE.

BACHELOR OF ARTS.

Helen Alsy Clemence,
Charles Edward Fisher,
Harry Wood Forbes,

John Rouse Gillett,
Arthur Brown Joy,
Richard Seaton Terry.

BACHELOR OF PHILOSOPHY.

John Leslie Cummings,

Henry McCormick.

BACHELOR OF SCIENCE.

Roger Herbert Dennett,
Charles Fuller Heckles,

Marguerite Pauline Liotard,
Milton Henry Stevenson,
Caroline Louise Sumner.

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Wilford Jacob Litchfield, B. S.

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MAGNA CUM LAUDE.

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Harry Wood Forbes

HIGHEST HONORS.

Harry Wood Forbes,
French.

HONORS.

Harry Wood Forbes,
Latin, Political Science and History.

Arthur Brown Joy,
Latin.

GRADUATE STUDENTS.

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS.

Frank John Arnold, B. A. 1896, <i>Political Science and Latin.</i>	Medina.
Sybil Eliza Bailey, B. A. 1897, <i>History and German.</i>	Canton.
Charles Fred Cook, B. A. 1891, <i>Political Science and History.</i>	Augusta, Me.
Charles William Dunn, B. A. 1888, <i>English Literature.</i>	Schaghticoke.
Harry Wood Forbes, B. A. 1898, <i>Latin, Greek and Sanscrit.</i>	Cambridge, Mass.
Antoinette Josephine Foster, B. A. 1896, <i>English Literature and Latin.</i>	Medina.
Glenn Andrews Kratzer, B. A. 1895, <i>Philosophy.</i>	Middleport.
Katharine Elizabeth Moog, B. A. 1896, <i>Latin.</i>	Baltimore, Md.
Warren Wales Read, PH. B. 1896, B. A. (Harvard) 1897, <i>English Literature.</i>	New York.
Jessie Dell Stearns, B. A. 1897, <i>Latin and German.</i>	Winthrop.
George Fay Wilder, B. A. 1897, <i>Mathematics.</i>	Rutland, Vt.

CANDIDATES FOR THE DEGREE OF MASTER OF PHILOSOPHY.

Lorenzo Dow Case, PH. B. 1895,	Rome.
<i>History and Philosophy.</i>	
Carolyn Dean Foster, PH. B. 1894,	Walden.
<i>Latin and English Literature.</i>	
Nathan Ford Giffin, PH. B. 1895,	New York.
<i>American History.</i>	
Arthur Floyd Griffiths, PH. B. 1897,	Cambridge, Mass.
<i>Political Science and History.</i>	
Amy MacVey, PH. B. 1894,	Brooklyn.
<i>English Literature.</i>	
Ernest Robinson, PH. B. 1897,	Clayton.
<i>English Literature.</i>	
Ella May Adams Walrath, PH. B. 1893,	St. Johnsville.
<i>American Literature and English History.</i>	

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE.

William John Deans, B. S. 1894,	Palmyra.
<i>Political Science and American History.</i>	
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<i>Natural Science.</i>	
Bridget Mahoney, B. S. 1893,	Canton.
<i>History and English Literature.</i>	
Harriet Elizabeth Robertson Robinson, B. S. 1897,	Clayton.
<i>Modern European History.</i>	
Frank Benton Spaulding, B. S. 1895,	New York.
<i>Political Science and History.</i>	

UNDERGRADUATES.

NOTE.—The letter *a* indicates the Course leading to the degree of Bachelor of Arts, *p* the Course leading to the degree of Bachelor of Philosophy, *s* the Course leading to the degree of Bachelor of Science.

SENIOR CLASS.

Grace Yale Atwater, <i>s</i> ,	Norfolk,	$\Delta \Delta \Delta$ House.
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Hendrick Ware Barnum, <i>a</i> ,	Canton,	1 College St.
Amin Gerrgous Beder, <i>s</i> ,	Beyrout, Syria,	28 Miner St.
Clyde McBride Burklew, <i>a</i> ,	Layland, O.,	$A T \Omega$ House.
Howard Lemoine Burklew, <i>s</i> ,	Layland, O.,	$A T \Omega$ House.
William Hall Burklew, <i>s</i> ,	Layland, O.,	$A T \Omega$ House.
Harry Marks Conkey, <i>a</i> ,	Canton,	$A T \Omega$ House.
Stanley Eaton Gunnison, <i>s</i> ,	Brooklyn,	$B \Theta II$ House.
Murray Arnold Hines, <i>p</i> ,	North Adams, Mass.,	$B \Theta II$ House.
William Reuben Lasher, <i>p</i> ,	Little Falls,	82 Main St.
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Jessie Thatcher Robertson, <i>p</i> ,	Canton,	34 Park St.
Harriet Elinor Shaw, <i>p</i> ,	Rochester,	67 Park St.
Catherine Susan Stallman, <i>p</i> ,	Rochester,	67 Park St.
Bing Sykes Stevens, <i>s</i> ,	Canton,	20 Park St.
William Morgan Stout, <i>s</i> ,	Killbuck, O.,	$A T \Omega$ House.
John Allen Wells, <i>s</i> ,	Massena Centre,	28 Miner St.
Isabel Williams, <i>s</i> ,	Montclair, N. J.,	$\Delta \Delta \Delta$ House.
Royden Williamson, <i>s</i> ,	New York,	$B \Theta II$ House.

JUNIOR CLASS.

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Worth Pickett Abbott, <i>a</i> ,	Gouverneur,	$B \Theta II$ House.
Margaret Rebecca Austin, <i>p</i> ,	Canton,	17 Elm St.
Charles Eugene Brown, <i>p</i> ,	Canton,	17 Miner St.
George Fackerell Chambers, <i>s</i> ,	Ogdensburg,	Haven House.
Leland Judson Farmer, <i>a</i> ,	Canton,	$A T \Omega$ Annex.
Albert James Fields, <i>s</i> ,	Canton,	72 Park St.
Grace Frances Finnigan, <i>a</i> ,	Canton,	Court St.

Clarence Hurd Gaines, <i>a</i> ,	<i>Canton</i> ,	15 Pine St.
Clarence Emery Hemenway, <i>s</i> ,	<i>Canton</i> ,	20 State St.
Nelson Lyman Lobdell, <i>a</i> ,	<i>Victor</i> ,	20 Miner St.
John Edward Mahoney, <i>p</i> ,	<i>Canton</i> ,	
Leslie William Merriman, <i>s</i> ,	<i>Canton</i> ,	28 Miner St.
Edson Russell Miles, <i>a</i> ,	<i>Columbus, O.</i> ,	<i>A T Ω</i> Annex.
Alice Amanda Mills, <i>p</i> ,	<i>Canton</i> ,	32 State St.
Kate Florence Perkins, <i>a</i> ,	<i>Canton</i> ,	39 Court St.
Leon Roy Smith, <i>a</i> ,	<i>Russell</i> ,	8 Elm St.
Corliss Pierre Stiles, <i>s</i> ,	<i>Dekalb Junction</i> ,	3 Railroad Ave.
Fred W. Storrs, <i>s</i> ,	<i>Morristown</i> ,	<i>A T Ω</i> Annex.
Ivan Roy Wellington, <i>a</i> ,	<i>Canton</i> ,	

SOPHOMORE CLASS.

Andrew Gilbert Akin, <i>a</i> ,	<i>Lisbon Centre</i> ,	2 Pine St.
Mabel Harlan Benner, <i>a</i> ,	<i>Putnam, Conn.</i> ,	12 Pine St.
Benjamin Franklin Butler, <i>s</i> ,	<i>Mt. Vernon, O.</i> ,	18 Elm St.
Herbert Phalon Cole, <i>s</i> ,	<i>Fergus Falls, Minn.</i> ,	<i>B Θ II</i> House.
Mary Vilura Conkey, <i>a</i> ,	<i>Canton</i> ,	72 Park St.
Harry Albertis Duncan, <i>a</i> ,	<i>Millersburg, O</i> ,	<i>A T Ω</i> Annex.
Mina Louise Freeman, <i>a</i> ,	<i>Canton</i> ,	101 Main St.
Almon Gage Gunnison, <i>s</i> ,	<i>Brooklyn</i> ,	<i>B Θ II</i> House.
Guy Leslie Harrington, <i>s</i> ,	<i>Canton</i> ,	23 Judson St.
Julien Petit Heath, <i>s</i> ,	<i>Potsdam</i> ,	<i>A T Ω</i> Annex.
Harriett DeLance Jackson, <i>a</i> ,	<i>Canton</i> ,	12 State St.
Harry Mason Knox, <i>s</i> ,	<i>Canton</i> ,	Church St.
John Bell Laidlaw, <i>s</i> ,	<i>Gouverneur</i> ,	<i>A T Ω</i> House.
Almon Wheeler Lytle, <i>s</i> ,	<i>Ogdensburg</i> ,	<i>B Θ II</i> House.
Matthew Robert McCormick, <i>s</i> ,	<i>Canton</i> ,	23 Judson St.
Edward James Mulholland, <i>s</i> ,	<i>Massena</i> ,	<i>B Θ II</i> House.
Mabel Alice Perkins, <i>a</i> ,	<i>Canton</i> ,	39 Court St.
Ellsworth Poste, <i>a</i> ,	<i>Canton</i> ,	24 State St.
Helen Mavarette Probst, <i>a</i> ,	<i>Rochester</i> ,	12 Pine St.
Edward Quinn, <i>a</i> ,	<i>Canton</i> ,	23 Miner St.
Gertrude Mary Robinson, <i>s</i> ,	<i>Nunda</i> ,	<i>Δ Δ Δ</i> House.
Earl William Scripter, <i>a</i> ,	<i>Hermon</i> ,	<i>B Θ II</i> House.
Edgar Augustus Sheldon, <i>s</i> ,	<i>Chateaugay</i> ,	<i>A T Ω</i> House.
John Frederick Shepard, <i>s</i> ,	<i>Canton</i> ,	66 Miner St.
John Dyer Stark, <i>s</i> ,	<i>Brasher Falls</i> ,	<i>A T Ω</i> House.
Kate Louise Sudds, <i>s</i> ,	<i>Gouverneur</i> ,	<i>Δ Δ Δ</i> House.
Robert Sherman Waterman, <i>a</i> ,	<i>Ogdensburg</i> ,	<i>B Θ II</i> House.

FRESHMAN CLASS.

Roscoe Lyman Barber, <i>s</i> ,	<i>Canton</i> ,	1 University Ave.
Robert Alexander Barr, <i>s</i> ,	<i>Ogdensburg</i> ,	13 Elm St.
David Stanley Briggs, <i>s</i> ,	<i>Ogdensburg</i> ,	18 Elm St.
Bernard Dale Butler, <i>s</i> ,	<i>Killbuck, O.</i> ,	18 Elm St.
Eva Eliza Conant, <i>a</i> ,	<i>Hermon</i> ,	51 Park St.
Samuel Henry Cook, <i>s</i> ,	<i>Ogdensburg</i> ,	13 Elm St.
Ambrose Herbert Cushman, <i>s</i> ,	<i>Fort Covington</i> ,	7 Goodrich St.
George Chester Dona, <i>s</i> ,	<i>Canton</i> ,	Lawrence Dona's.
Branton Malcom Duncan, <i>a</i> ,	<i>Millersburg, O.</i> ,	<i>A TΩ</i> Annex.
Frederic Hugh Emerson, <i>s</i> ,	<i>Crary Mills</i> ,	Haven House.
Inez Bell Farmer, <i>s</i> ,	<i>Hermon</i> ,	<i>Δ Δ Δ</i> House.
Mabel Carrie Fields, <i>a</i> ,	<i>Canton</i> ,	72 Park St.
Cornelia Margaret Hallahan, <i>a</i> ,	<i>Canton</i> ,	33 Buck St.
George Ralph Hastings, <i>a</i> ,	<i>Hermon</i> ,	5 Powers St.
Jesse Benson Hawley, <i>a</i> ,	<i>Gouverneur</i> ,	<i>B Θ II</i> House.
Deforest Hazen, <i>a</i> ,	<i>Canton</i> ,	3 Jay St.
Lena Olga Idler, <i>a</i> ,	<i>Ogdensburg</i> ,	18 Pine St.
Arthur Klock, <i>s</i> ,	<i>Little Falls</i> ,	5 Powers St.
Burton Davidson McCormick, <i>a</i> ,	<i>Morristown</i> ,	<i>A TΩ</i> Annex.
Henry Lauchlin McGillis, <i>s</i> ,	<i>Ogdensburg</i> ,	<i>B Θ II</i> House.
Wilson Townsend Moog, <i>s</i> ,	<i>Baltimore, Md.</i> ,	15 Pine St.
Eleanor Courtney Mulry, <i>s</i> ,	<i>Jersey City, N. J.</i> ,	12 Pine St.
Minnie Rowland Root, <i>a</i> ,	<i>Brooklyn</i> ,	12 Pine St.
Chloe Emma Stearns, <i>s</i> ,	<i>Winthrop</i> ,	20 Pine St.
Frederick White Symonds, <i>s</i> ,	<i>Ogdensburg</i> ,	40 Court St.

SPECIAL STUDENTS.

Franklin Elihu Adams, French 3, Physiol., Chem. 1.	<i>Canton,</i>	Buck St.
Frank Ainsworth, Geol., Chem. 1, Parl. Law 1.	<i>Phoenix, Ariz.,</i>	<i>B Θ II</i> House.
George Cross Baner, Hist. 4.	<i>Spokane, Wash.,</i>	<i>H II A</i> House.
Mary Blanche Barlow, Latin 3, 11, Germ. 3, French 3, Eng. C.	<i>Canton,</i>	Water St.
Claude John Biche, Eng. C, French 3, Chem. 1, Physiol.	<i>Bigelow,</i>	23 Park St.
Flora Bronis, Germ. 5, Parl. Law 1.	<i>Rochester,</i>	Main St.
Ledyard Cuyler Cross, Parl. Law 1, Geol., Chem. 1, Hist. 1, Phys. 2.	<i>Rochester,</i>	2 Pine St.
Gustavus Benjamin Holt, Eng. C, Chem. 1, Math. 3, Germ. 3, French 3.	<i>Belmont, Mass.,</i>	<i>A T Ω</i> House.
Ralph Edwin Horn, Eng. 1, Geol., French 1, 3, Hist. 1.	<i>Canton,</i>	10 Church St.
Ione Alena Jillson, French 5.	<i>Edenton,</i>	18 Pine St.
Henry Merkley Sackrider, French 1, Physiol., Hist. 4.	<i>Canton,</i>	18 Miner St.
Anna Marie Schoene, Eng. 4, 5, Parl. Law 1, Rhet. 1, French 5.	<i>Everett, Mass.,</i>	<i>Δ Δ Δ</i> House.

ADMISSION.

Candidates may be admitted to the Freshman Class on examination, on the credentials of the State Board of Regents, or on certificates of principals of approved preparatory schools.

The University offers entrance examinations in the following subjects, but not all of these subjects will be required of any one candidate. The specific requirements for admission to the several courses will be found stated on pages 19 and 20.

LATIN:—

- I. First Year Latin.
- II. Cæsar's Gallic War, Books I-IV.
- III. Vergil's *Æneid*, Books I-VI.
- IV. Cicero's four orations against Catiline and those for Archias and the Manilian Law.
- V. Composition: translation of connected English passages into Latin prose.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronounciation is used.

GREEK:—

- I. First Year Greek.
- II. Xenophon's *Anabasis*, 3 books.
- III. Homer's *Iliad*, 3 books; or *Odyssey*, 3 books.
- IV. Composition: translation into Greek (with accents) of English passages based on Xenophon.

ENGLISH:—

I. English Language and Literature. The candidate will be required to show satisfactory evidence that he has pursued a course of study in Advanced English, English Composition, Rhetoric, and English or American Literature, equivalent to the First Year and Second Year English in the usual high school course. Note-books and exercises in composition or other written work done in such a course, properly certified by his instructor, may be offered as evidence of the candidate's proficiency. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs. Teachers are requested to insist on the use of good English, as an essential part of the pupil's training, in his translations from foreign languages, and in whatever he writes or speaks on any subject in the school course.

II. English Reading. In connection with the general requirement described above, the candidate must have made special preparation upon certain books, to be announced from year to year. The examination will be divided into two parts:

A.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to show the candidate's power of clear and accurate expression. In preparation of this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books prescribed for this part of the examination will be:

1899—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *Ancient Mariner*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

1900—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; The *Sir Roger de Coverley Papers*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; DeQuincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *Vision of Sir Launfal*.

1901 and 1902—Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The *Sir Roger de Coverley papers* in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, literary form, and grammatical and logical structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books prescribed for this part of the examination will be:

1899—Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Conciliation with America*; Carlyle's *Essay on Burns*.

1900—Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1901 and 1902—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

FRENCH:—

I. Grammar (Keetels's or Edgren's preferred); ability to render connected English passages into French; ability to translate into idiomatic English such works as Halevy's *L'Abbé Constantin*; Molière's *L'Avare* and *Les Précieuses Ridicules*.

II. Translation of such works as George Sand's *La Petite Fadette*; Racine's *Athalie* and *Esther*; Feuillet's *Le Roman d'un Jeune Homme Pauvre*.

III. Translation of such works as Victor Hugo's *Quatre-vingt-treize* and *Notre Dame de Paris*; St. Simon's *Mémoires* (A. N. Van Daell's edition); de Stael's *Corinne*.

GERMAN:—

I. Grammar (Collar's Eysenbach preferred); ability to translate a connected passage of English prose into idiomatic German; translation into good English of such works as Hauff's *Das Kalte Herz*; Storm's *Immensee*; Von Hillern's *Höher als die Kirche*.

II. Translation of such works as Bernhardt's *Novelletten Bibliothek*; Schiller's *Die Jungfrau*, *Maria Stuart*, and *Wilhelm Tell*; Lessing's *Minna von Barnhelm*.

III. Translation of such works as Lessing's *Nathan der Weise*; Goethe's *Hermann und Dorothea*, *Faust*, Part I, and *Iphigenie auf Tauris*.

MATHEMATICS:—

I. Arithmetic, including the Metric System. A thorough and complete knowledge of the subject is required.

II. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics.

III. Plane Geometry.

HISTORY AND CIVIL GOVERNMENT:—

I. History of Greece and of Rome.

II. American History.

III. General History.

IV. English History.

V. Advanced U. S. History.

VI. Civics.

SCIENCE:—

I. Physiology and Hygiene (Martin's *Human Body*, Briefer Course, or equivalent).

II. Physical Geography.

III. Botany.

IV. Chemistry, Part I.

V. Chemistry, Part II.

VI. Physics, Part I.

VII. Physics, Part II.

VIII. Astronomy.

IX. Geology.

X. Zoology.

REQUIREMENTS FOR ADMISSION.

1. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS.

Candidates for admission to the course leading to the degree of Bachelor of Arts must present of the above list:—

Latin I, II, III, IV, V;
English I, II;
Mathematics I, II, III;
History I, II;
Science I;

and one of the following groups:—

- A. Greek I, II, III, IV.
- B. German I, II, III.
- C. French I, II, III.
- D. German I, II, and Science IV, V, or VI, VII.
- E. French I, II, and Science IV, V, or VI, VII.

2. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Candidates for admission to the course leading to the degree of Bachelor of Science must present:—

English I, II;
Mathematics I, II, III;
History I, II;
Science I;

and one of the following groups:—

- A. Latin I, II.
- B. German I, II.
- C. French I, II.

Candidates for admission to this course must present, in addition to the above, any nine subjects taken from the following list:

Physical Geography; Botany; Zoology; Geology; Astronomy; Chemistry, Part I; Chemistry, Part II; Physics, Part I; Physics, Part II; General History; English History; Advanced U. S. History; Civics. A third year of Latin, French, or German may be substituted for any two of these subjects.

Other academic subjects may be offered by the candidate, and may be accepted if their scope and nature be found satisfactory to the Faculty.

GENERAL REMARKS.

The conditions stated above require that any candidate for admission to a course leading to a degree must have, in addition to the pre-academic or grammar school studies, a four years' high school preparation, or a full equivalent, embracing the specific subjects named.

In lieu of entrance examinations the following will be accepted:—

I. The pass-cards, certificates and academic diploma of the State Board of Regents for the subjects which they cover. Such credentials will not, however, be accepted for advanced standing.

II. The certificates of principals of approved preparatory schools will admit students on probation, but such certificates must state specifically the subjects in which the candidate has passed satisfactory examinations covering the requirements as stated.

Such certificates should be filed with the Recorder at least two weeks prior to the regular entrance examinations. Forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they desire to enter.

Candidates from other colleges will be required to present certificates of dismissal in good standing.

Persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. Persons of exceptional maturity, or who have a definite plan of study, may be admitted, by vote of the Faculty, to a special course not leading to a degree. They must file with the Recorder certificates of their previous work.

The regular examinations of candidates for admission will be held at College Hall on the Friday and Saturday preceding Commencement and on the Friday and Saturday preceding the opening of the College. (For dates see calendar on page 3).

Further information may be had upon application to the Recorder.

COURSES OF STUDY.

I. LEADING TO THE DEGREE OF BACHELOR OF ARTS.

NOTE.—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores take sixteen hours a week. Juniors and Seniors have fifteen hours a week, and may elect any courses which their previous studies qualify them to pursue.

COURSE A.—FOR STUDENTS ADMITTED ON LATIN AND GREEK.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Greek 1 (four hours); Latin 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Greek 2 (four hours); Latin 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—Greek 3 or Latin 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Greek 3 (three hours); Latin 3 (three); Latin 5 (three); Latin 9 (three); Latin 11 (two); German 1 (four); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three); History 3 (three).

SECOND TERM.

Prescribed, six hours.—Greek 4 or Latin 4 (three hours); Physics 1 (three).

Elective, ten hours.—Greek 4 (three hours); Latin 4 (three); Latin 6 (three); Latin 12 (two); German 2 (four); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three); History 4 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2. *Elective, twelve hours.*

SECOND TERM.

Prescribed, four hours.—Psychology 1. *Elective, eleven hours.*

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours. (See Tabular View and Departments of Instruction).

COURSE B.—FOR STUDENTS ADMITTED ON LATIN AND GERMAN.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Latin 5 (three); Latin 9 (three); Latin 11 (two); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three); History 3 (three).

SECOND TERM.

Prescribed, six hours.—French 4 (three hours); Physics 1 (three).

Elective, ten hours.—Latin 4 (three hours); Latin 6 (three); Latin 12 (two); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three); History 4 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1

Elective, eleven hours.—As in Course A. (See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

COURSE C.—FOR STUDENTS ADMITTED ON LATIN AND FRENCH.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Latin 5 (three); Latin 9 (three); Latin 11 (two); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three); History 3 (three).

SECOND TERM.

Prescribed, six hours.—German 4 (three hours); Physics 1 (three).

Elective, ten hours.—Latin 4 (three hours); Latin 6 (three); Latin 12 (two); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Biology 2 (four); Chemistry 2 (three); Mineralogy (three); History 4 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—As in Course A. (See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—As in Course A. (See Tabular View and Departments of Instruction).

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (four hours); English A (one); Mathematics 1 (four); Biology 1 (four) or Latin A (four) or Latin 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (four hours); English B (one); Mathematics 2 (four); Biology 2 (four) or Latin B (four) or Latin 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—French 3 (three hours); German 3 (three); Latin 3 (three); Latin 5 (three); Latin 9 (three); Latin 11 (two); Mathematics 3 (three); Physiology (four); Geology (three); History 3 (three).

SECOND TERM.

Prescribed, six hours.—French 4 or German 4 (three hours); Physics 1 (three).

Elective, ten hours.—French 4 (three hours); German 4 (three); Latin 4 (three); Latin 6 (three); Latin 12 (two); English D (two); Mathematics 4 (three); Mathematics 7 (one); Mathematics 8 (two); Chemistry 2 (three); Mineralogy (three); History 4 (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

III. LEADING TO THE DEGREE OF BACHELOR OF PHILOSOPHY.

NOTE—The Arabic numerals annexed to subjects indicate the courses in those subjects; the numbers enclosed in marks of parenthesis, the number of term-hours required. Freshmen and Sophomores are required to take sixteen hours a week; Juniors and Seniors, fifteen hours a week. This course will not be open to students entering College hereafter.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 or German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 or German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—Juniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology 1.

Elective, eleven hours.—From the list, as stated.

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic 1 (three hours); Economics 1 (three).

Elective, nine hours.—Seniors are permitted to choose from the list of electives any courses which their previous studies have qualified them to pursue. (See Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Ethics (three hours); Economics 2 (three).

Elective, nine hours.—From the list, as stated.

TABULAR VIEW.

The following list embraces both prescribed and elective courses. The number of term-hours, at which each course is counted, is stated in italics. Students are required to avoid a conflict of hours, and are permitted to elect only those courses for which they are prepared by their previous studies. The courses in brackets will be omitted in 1899-1900.

FIRST TERM.

Astronomy 1.	<i>Three hours.</i>	Mo. Tu. Th. at 8.
Biology 1.	<i>Four.</i>	We. at 11; Fr. at 9; Lab. Tu. Th. 2 to 4.
Chemistry 1.	<i>Four.</i>	Tu. Th. at 11; Lab. We. Fr. 9 to 11.
Chemistry 3.	<i>Three.</i>	Lab. Mo. We. Fr. from 2 to 4.
Economics 1.	<i>Three.</i>	Mo. We. Fr. at 9.
English A.	<i>One.</i>	Fr. at 10.
English C.	<i>Two</i>	Tu. Th. at 2.
English 1.	<i>Three.</i>	Tu. Th. at 11; one hour to be appointed.
English 3, 4, 5.	<i>One hour each.</i>	To be arranged for.
French 1.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
French 3.	<i>Three.</i>	Mo. at 11; Tu. Th. at 8.
French 5.	<i>Two.</i>	Tu. Th. at 2.
Geology.	<i>Three.</i>	Mo. Tu. Th. at 10.
German 1.	<i>Four.</i>	Mo. Tu. We. Th. 10.
German 3.	<i>Three.</i>	Mo. We. Fr. at 8.
German 5.	<i>Two.</i>	Tu. Th. at 3.
Greek 1.	<i>Four.</i>	Tu. We. Th. Fr. at 9.
Greek 3.	<i>Three.</i>	Mo. We. Fr. at 3.
Greek 5.	<i>Two.</i>	Tu. Th. at 3.
History 1.	<i>Three.</i>	Mo. We. Fr. at 2.
History 3.	<i>Three.</i>	Hours to be arranged.
[History 5.	<i>Two.</i>	Tu. Th. at 8.]
History 7.	<i>Three.</i>	Mo. Tu. Th. at 10.
Latin A.	<i>Four</i>	Mo. Tu. We. Th. at 9.
Latin 1.	<i>Four.</i>	Mo. Tu. We. Th. at 3.
Latin 3.	<i>Three.</i>	Mo. We. Fr. at 2.
[Latin 5.	<i>Three.</i>	Mo. Tu. Th. at 10.]
Latin 7.	<i>Two.</i>	Tu. Th. at 2.
Latin 9.	<i>Three.</i>	Mo. We. Fr. at 10.
Latin 11.	<i>Two.</i>	Tu. Th. at 10.
Logic 1.	<i>Three.</i>	Tu. Th. Sa. at 9.
Mathematics 1.	<i>Four.</i>	Mo. Tu. Th. Fr. at 11.
Mathematics 3.	<i>Three.</i>	Mo. Tu. Th. at 9.
Mathematics 5.	<i>Three.</i>	We. Fr. at 10; Sa. at 9.
Parl. Law 1.	<i>Two.</i>	We. Fr. at 8.
Physics 2.	<i>Three.</i>	Mo. We. Fr. at 11.
Physics 4.	<i>Two.</i>	Lab. Tu. Th. from 2 to 4.
Physiology.	<i>Four.</i>	Mo. Tu. Th. at 10; Sa. at 9.
Psychology 2.	<i>Three.</i>	Mo. We. Fr. at 3.
Rhetoric 1.	<i>Two.</i>	Tu. Th. at 3.

SECOND TERM.

Astronomy 2.	<i>Two hours.</i>	We. Fr. at 10.
Biology 2.	<i>Four.</i>	We. at 11; Fr. at 9; Lab. Tu. Th. 2 to 4.
Chemistry 2.	<i>Three.</i>	Lab. Mo. We. Fr. from 2 to 4.
Chemistry 4.	<i>Two.</i>	Lab. Tu. Th. from 2 to 4.
Economics 2.	<i>Three.</i>	Mo. We. Fr. at 9.
English B.	<i>One.</i>	Sa. at 9.
English D.	<i>Two.</i>	Tu. Th. at 10.
English 2.	<i>Two.</i>	Fr. at 11.
English 6, 7, 8.	<i>One hour each.</i>	To be arranged for.
Ethics.	<i>Three.</i>	Tu. Th. Sa. at 9.
French 2.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
French 4.	<i>Three.</i>	Mo. at 11; Tu. Th. at 8.
French 6	<i>Two.</i>	Tu. Th. at 2.
German 2.	<i>Four.</i>	Mo. Tu. We. Th. at 10.
German 4.	<i>Three.</i>	Mo. We. Fr. at 8.
German 6.	<i>Two.</i>	Tu. Th. at 3.
Greek 2.	<i>Four.</i>	Mo. Tu. We. Th. at 9.
Greek 4.	<i>Three.</i>	Mo. We. Fr. at 11.
Greek 6.	<i>Two.</i>	Mo. We. at 3.
History 2.	<i>Three.</i>	Mo. We. Fr. at 2.
History 4.	<i>Three.</i>	Tu. Th. at 3; Fr. at 10.
[History 6.	<i>Two.</i>	Tu. Th. at 8.]
History 8.	<i>Three.</i>	Mo. We. at 10; Fr. at 3.
Latin B.	<i>Four.</i>	Tu. Th. at 8; Fr. Sa. at 9.
Latin 2.	<i>Four.</i>	Mo. Tu. We. Th. at 3.
Latin 4.	<i>Three.</i>	Tu. at 9; Mo. We. at 10.
[Latin 6.	<i>Three.</i>	Tu. at 9; Mo. We. at 10.]
Latin 8.	<i>Three.</i>	Mo. We. Fr. at 11.
Latin 12.	<i>Two.</i>	Tu. Th. at 10.
Logic 2.	<i>Three.</i>	Mo. We. Fr. at 3.
Mathematics 2.	<i>Four.</i>	Mo. Tu. Th. Fr. at 11.
Mathematics 4.	<i>Three.</i>	Mo. We. Fr. at 9.
Mathematics 6.	<i>Three.</i>	Mo. Tu. Th. at 10.
Mathematics 7.	<i>One.</i>	Tu. at 9.
Mathematics 8.	<i>Two.</i>	Hours to be arranged.
Mineralogy.	<i>Three.</i>	Mo. at 10; Lab. Tu. Th. 10 to 12.
Parl. Law 2.	<i>Two.</i>	We. Fr. at 8.
Physics 1.	<i>Three.</i>	Tu. Th. Sa. at 9.
Physics 3.	<i>Two.</i>	Lab. We. Fr. from 9 to 11.
Psychology 1.	<i>Four.</i>	Mo. Tu. We. Th. at 11.
Rhetoric 2.	<i>Two.</i>	Tu. Th. at 3.
Sociology.	<i>Three.</i>	Hours to be arranged.

DEPARTMENTS OF INSTRUCTION.

LATIN.

Professor HARDIE.

Latin is a required subject during the first year of the courses leading to the degrees of Bachelor of Arts and Bachelor of Philosophy and is elective during the three following years. It is alternative with biology in the first year of the course leading to the degree of Bachelor of Science. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

HONORS.—Candidates for honors in this department are required to present a thesis in Latin upon some topic in connection with the work of the department. The honor examination consists of the rendering and critical interpretation of a passage chosen from a Latin author; questions on the history of the Latin language and literature; and the discussion of topics in connection with the political and social institutions of the Romans, their art, mythology, religion and philosophy. Two terms' practice in writing Latin in addition to the amount prescribed is required of candidates for honors in Latin.

LATIN A.—Fresh. I. Mo. Tu. We. Th. at 9.

Selected Orations of Cicero.

This course is designed for those who enter the course leading to the degree of Bachelor of Science with the minimum requirement in Latin and desire to continue their study of the language. Translation is accompanied by a systematic review of forms and syntax and practice in writing Latin.

LATIN B.—Fresh. II. Tu. Th. at 8; Fr. Sa. at 9.

Selections from Vergil's Aeneid.

Translation of portions of Books I, II, IV and VI, with study of prosody and practice in scansion.

LATIN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 3.

Livy, Books XXI and XXII; Miller's Latin Prose Composition; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sentence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 3.

Cicero, De Senectute and selections from Cicero's Letters; Writing Latin.

This term's work serves as an introduction to the study of Cicero's philosophical works and of his public career and personal traits viewed in the light of his letters to his friends. Translation of Latin at sight and the translation of English narrative into Latin are continued. Special attention is given to the study of Latin idiom.

LATIN 3.—I. Mo. We. Fr. at 2. Open to those who have had Latin I and 2.

Horace's Odes; Tacitus, Agricola and Germania.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire.

LATIN 4.—II. Tu. at 9 and Mo. We. at 10. * Open to those who have had Latin 1 and 2. Omitted in 1898-99; to be given in 1899-1900.

Horace's Satires and Epistles; Plautus, *Mostellaria*.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms, are discussed. Indications of his personal characteristics and opinions, his views on the conduct of life, and of the social and political conditions of his time, are all carefully noted. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus.

LATIN 5.—I. Mo. Tu. Th. at 10. Open to those who have had Latin 1 and 2. To be omitted in 1899-1900.

Catullus, Tibullus, Propertius and Ovid.

This course is designed for rapid reading and a considerable amount is covered. Attention is given to the tendencies of the age and the influence of the Alexandrine school as exemplified in the portions read. The elegiac poems of the authors named are compared and contrasted as expressions of personal feeling, and their works as a whole are considered as illustrative of contemporary life and thought.

LATIN 6.—II. Tu. at 9; Mo. We. at 10. Open to those who have had Latin 1 and 2

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual development of the language is then followed with special reference to its bearing upon Roman character and institutions. The course is conducted by lectures supplemented by the study of Cruttwell's *Roman Literature*. Reading of portions of selected authors and consultation of histories of literature in the classical library are required.

LATIN 7.—I. Tu. Th. at 2. Open to Juniors and Seniors. Omitted in 1898-99; to be given in 1899-1900.

Early Latin.

This course deals with the inscriptions and other remains which we possess of the Latin of the pre-classical period. Allen's Remnants of Early Latin will be made the basis of study, and the Corpus Inscriptionum Latinarum and other works bearing upon the subject will be constantly referred to. A portion of the time will be devoted to a study of the syntax of the early period in its relation to classical usage.

LATIN 8.—II. Mo. We. Fr. at 11. Open to Juniors and Seniors. Omitted in 1898-99; to be given in 1899-1900.

Lucretius, De Rerum Natura.

In this course the Epicurean philosophy is studied as set forth in the work named. The author is also considered from a literary standpoint. A portion of the time is devoted to a study of the history of ancient philosophy, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 9.—I. Mo. We. Fr. at 10.

Roman Antiquities.

This course is designed to give some acquaintance with the domestic, social and political life of the Romans. Among the topics treated are the Roman house, furniture and utensils, dress, daily occupations, social customs, education, amusements, art, religious institutions, public assemblies, magistrates, legislative and judicial procedure, and provincial administration. The course is conducted by means of lectures and reports on assigned topics. Photographs and similar means of illustration are employed. Ability to read Latin is useful but not indispensable to those who take this course.

LATIN 11.—I. Tu. Th. at 10. Open to those who have passed in Latin 1 and 2.

Latin Style.

This course is intended for students who are well grounded in the principles of syntax and have a good command of vocabulary. The course is devoted to a study of the peculiarities of Latin idiom and the essential differences between English and Latin modes of expression; the work is conducted by lectures, and once a week a passage is set for translation.

LATIN 12. = II. Tu. Th. at 10. Open to those who have passed in Latin 11 with high grade.

Latin Style.

This course is designed to cultivate facility of expression and appreciation of Latin style. Latin models are carefully analyzed, and the translation of English into Latin is varied with practice in original composition and the oral use of Latin. Lectures on Latin Style are continued as in the preceding course. Potts's *Hints Towards Latin Prose Composition* is used for the guidance of the class. This course is open to only the most advanced students.

GREEK.

Professor FOSTER.

Greek is a prescribed subject during the Freshman year for those who have presented it upon entrance, and is elective during the Sophomore and Junior years. Instruction in this department is confined chiefly to the careful reading of representative writers. Grammatical criticism and exercises in writing Greek are recognized as means to an end, the end being the appreciation of Greek literature and, through it, of Greek thought. In rendering Greek, the use of idiomatic English is required, not, however, to the detriment of the style and spirit of the original. In this way the study of Greek is made to contribute to the discriminating use of English. Students in the Greek courses are entitled to the privileges of the classical library.

GREEK 1.—(Prescribed) Fresh. I. Tu. We. Th. Fr. at 9.

Select Orations of Lysias. Writing Greek.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. In this course special attention is given to the syntax of the moods and tenses; and one hour each week is devoted to writing Greek and kindred exercises. Before the end of the term the *Apology* is begun.

GREEK 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 9.

Selections from Plato's *Apology*, *Crito*, and *Phaedo*, and from Xenophon's *Memorabilia*.

The course includes the main facts in the life and teachings of Socrates as well as the condition of Athens at the beginning of its decline.

The literary aspect of Athenian life receives especial attention.

GREEK 3.—I. Mo. We. Fr. at 3.

Demosthenes de Corona; or The Philippics, with a study of the period involved.

Special attention is given to appreciative reading of the Greek text and effective rendering. A sound understanding of the political situation and of the events referred to in the argument is required, and supplementary reading indicated.

GREEK 4.—II. Mo. We. Fr. at 11.

Greek Tragedy; with a study of the Attic Theatre and related topics.

The authors ordinarily taken up are Æschylus and Sophocles. Supplementary reading is prescribed. Particular attention is given to the metrical reading of the Greek dialogue.

GREEK 5 and 6.—I. Tu. and Th. at 3; II. Mo. We. at 3.

These courses are designed to give a more perfect mastery to students who are especially proficient.

The details of the work are determined by the instructor after consultation with the class, but a course of lectures upon Greek life and letters, and a critical study of Attic Comedy are among the features.

FRENCH.

Professor LIOTARD.

French is a required subject during the first two years in Course B, and in the Scientific course is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin.

The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 9.

Keetels's Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—(Prescribed) Fresh II. Mo. Tu. We. Th. at 9.

Keetels's Grammar concluded; Lamé Fleury's Mythology, or Per-rault's Fairy Tales; Racine's Esther or Athalie.

This course consists of the reading and translation of easy French; some of the best passages of the famous French tragic author are committed to memory.

FRENCH 3.—(Prescribed) Soph. I. Mo. at 11; Tu. Th. at 8.

Molière's *L'Avare*; *La Neuvaine de Colette*; *Le Roman d'un Jeune Homme Pauvre*.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV, and from the works of some of the modern novelists.

FRENCH 4.—(Prescribed). Open to those who have completed course 3, or who entered with two years of French. Soph. II. Mo. at 11; Tu. Th. at 8.

Les Mémoires de St. Simon; Victor Hugo's *Quatre-vingt-treize*; Balzac's *Le Curé de Tours*.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—(Elective.) Open to those who have completed course 4, or who entered with three years of French. I. Tu. Th. at 2.

Writing French.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—(Elective—open to those who have completed course 5)
II. Tu. Th. at 2.

Lectures on the French Literature of the 17th century.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first two years in Course C, and in the Scientific course is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction, are similar to those used in the French courses above described.

GERMAN 1.—(Prescribed) Fresh. I. Mo. Tu. We. Th. at 10.

Thomas's German grammar, with copious exercises in the translation of English into German.

GERMAN 2.—(Prescribed) Fresh. II. Mo. Tu. We. Th. at 10.

Grammar concluded; Höher als die Kirche; Immensee; Schiller's *Der Neffe als Onkel*.

GERMAN 3.—(Prescribed) Soph. I. Mo. We. Fr. at 8.

Schiller's *Jungfrau and Maria Stuart*.

GERMAN 4.—(Prescribed). Open to those who have completed course 2, or who entered with two years of German. Soph. II. Mo. We. Fr. at 8.

Lessing's *Minna von Barnhelm*; Schiller's *Wilhelm Tell*.

GERMAN 5.—(Elective). Open to those who have completed course 4, or who entered with three years of German. I. Tu. Th. at 3.

Lessing's *Nathan der Weise*; Goethe's *Iphigenie auf Tauris*; selections from modern novelists.

GERMAN 6.—(Elective—open to those who have completed course 5)
II. Tu. Th. at 3.

Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

President LEE, Professor GAINES, and Professor FOSTER.

ENGLISH A.—(Prescribed) Fresh. I. Fr. at 10. Professor FOSTER.

The aim in this course is to increase by exercise the student's control of his mother tongue. Each week a portion of the hour for recitation is devoted to writing on subjects then announced; the remainder, to general criticisms. Weekly readings, drawn generally from masterpieces of English prose fiction, supply the basis for these exercises.

Another feature is the writing of essays, which, as well as the weekly themes, are subjected to criticism and returned with the instructor's comments.

ENGLISH B.—(Prescribed) Fresh. II. Sa. at 9. Professor FOSTER.

The aim and methods here are the same as in English A. The weekly readings are chiefly taken, however, from the great essayists, whose style thus first comes under observation.

ENGLISH C.—(Prescribed) Soph. I. Tu. Th. at 2. President LEE.

Lectures are given upon the principles of English composition as related to the powers of observation, imagination and reasoning. Daily theme-writing is required for a part of the term, and longer exercises at frequent intervals. Special effort is made to develop the student's originality of thought and expression.

ENGLISH D.—(Elective, two hours—open to those who have completed English C) Tu. Th. at 10. President LEE.

Careful study will be made of the systematic plan and logical development of the various kinds of discourse. Outlines will be prepared and criticised, and from these whole compositions will be constructed.

PARLIAMENTARY LAW AND DEBATE 1.—(Elective) I. Two hours—We. Fr. at 8.

PARLIAMENTARY LAW AND DEBATE 2.—(Elective) II. Two hours—We. Fr. at 8.

Professor FOSTER.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of order are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary, and carefully prepared models are furnished for minutes, reports, resolutions,

etc.; all written work is subject to revision by the instructor. Frequent debates are held upon practical questions, and all members are required to take part to a reasonable extent. The speeches are usually from fifteen to thirty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticized by the instructor at the close of each debate. Mere rhetoric and empty display are discountenanced, and a thoroughly practical and business-like style of speaking is inculcated; it is a constant aim to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best.

ENGLISH 1.—(Elective, three hours) I. Tu. Th. at 11; hours for writing to be arranged.

ENGLISH 2.—(Elective, two hours—open to those who have completed course 1) II. Fr. at 11; hours for writing to be arranged.

President LEE.

These courses are designed to give an adequate introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced courses which follow. The development of English literature is treated historically in a series of lectures (two hours a week during the first term, and one hour during the second term). Blackboard tabulations are used, students are required to take notes, frequent oral examinations are held, and a written examination is given at the close of each term. Parallel with the lectures is a prescribed course of reading, covering about the same ground and amounting to at least 3,000 pages. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed; but a moderate amount of election is allowed, that the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. Students are required to prepare and present careful abstracts of everything read in the course, and to write numerous critiques under the supervision of the instructor and subject to searching criticism.

ENGLISH 3.—(Elective, one hour—open to those who have taken course 1) I.

Free election from the full selection list. This course is designed to supplement course 1.

ENGLISH 4.—(Elective, one hour—open to those who have taken courses 1 and 2) I.

Shakspere and the Elizabethan drama: selected plays.

ENGLISH 5.—(Elective, one hour—open to those who have taken courses 1 and 2) I.

Dramatic literature in general: selected plays, including some translations.

ENGLISH 6.—(Elective, one hour—open to those who have taken courses 1 and 2) II.

Largely free election from the list, but with certain requirements preliminary to course 7.

ENGLISH 7.—(Elective, one hour—open to those who have taken courses 1 and 2) II.

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations, and with reference to the best English criticism.

ENGLISH 8.—(Elective, one hour—open to those who have taken courses 1 and 2) II.

English prose writers, especially the essayists.

RHETORIC 1.—(Elective) I. Tu. Th. at 3.

RHETORIC 2.—(Elective) II. Tu. Th. at 3.

Professor GAINES.

These courses are continuous, and if the subject is elected it must be pursued throughout the year. The topics taken up during the first term are,—conviction, the finding and arranging of arguments; and persuasion, the arousing of the emotions and the influencing of the will. The second term is devoted to the study of style and its qualities, and to elocution in relation to reading and speaking. The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's *Elements* is taken as a convenient basis. A large amount of written work is required.

MATHEMATICS.

Professor FORD.

Mathematics is a required subject during the Freshman year. During the Sophomore, Junior and Senior years elective courses are offered.

The instruction offered in this department is intended to aid in the development of exact, concise, and independent reasoning, to cultivate the imagination and to inspire habits of original and independent thought. At the same time it is intended to afford those students who are desirous of doing advanced work in either Mathematics or Physics an opportunity for securing the necessary preliminary equipment. The student is taught from the beginning that memory, although an important factor in Mathematical study, is secondary to originality and invention.

In courses 1 and 2 special attention is given to a thorough drill in the subjects pursued. The work comprises the study of a text book, with recitations and frequent reviews, supplemented by lectures and original work. In all elective courses the subjects are developed by lectures accompanied by a careful and systematic questioning of the student during the progress of the lecture. Many problems are solved and original demonstrations required. Frequent recitations are given, the object of the recitation being to test the student's ability to apply readily what he has learned, rather than a repetition of the work previously developed by the lectures. Text books are used both for study and for reference.

MATHEMATICS 1.—(Prescribed) Fresh. I. Mo. Tu. Th. Fr. at 11.

Algebra.

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, general properties of equations.

MATHEMATICS 2.—(Prescribed) Fresh. II. Mo. Tu. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of Solid Geometry, the solution of numerical applications and original problems is required. In Trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 3.—(Elective) Soph. I. Mo. Tu. Th. at 9. Open to students having courses 1 and 2.

Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—(Elective) Soph. II. Mo. We. Fr. at 9. Open to students having course 3.

Elements of Calculus.

The work will include simple and successive differentiation of explicit and implicit functions with application to the expansion of functions, evaluation of indeterminate forms and maxima and minima, and the integration of simple forms, with application. The course is designed to give enough of the elements of the subject to enable the student to take up intelligently a more thorough and systematic study of the Calculus, and of its application to physical and mechanical problems.

MATHEMATICS 5.—(Elective) I. We. Fr. at 10. Sa. at 9. Open to students having course 4.

- (a) Differential Calculus and Modern Analytic Geometry.
- (b) Integral Calculus.

In this course an opportunity is given to those who have taken course 4 to pursue the study of Calculus further. Special topics, necessarily omitted from the preceding course, are treated. Some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates. Courses (a) and (b) are given in alternate years.

MATHEMATICS 6.—(Elective) II. Mo. Tu. Th. at 10.

- (a) Determinants and the Theory of Equations. Open to students having course 4.
- (b) Solid Analytic Geometry. Open to students having course 3.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed. An elementary course in the geometry is given. Courses (a) and (b) are given in alternate years.

MATHEMATICS 7.—(Elective) II. Tu. at 9. Open to students having courses 1 and 2.

Spherical Trigonometry.

MATHEMATICS 8.—(Elective) II. (Hours as arranged). Open to students having courses 1 and 2.

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

ASTRONOMY.

Professor FORD.

ASTRONOMY 1.—(Elective) I. Mo. Tu. Th. at 8. Open to students having Mathematics 1 and 2.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental principles, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies.

ASTRONOMY 2.—(Elective) II. We. Fr. at 10. Open to students having Mathematics 7.

Spherical and Practical Astronomy.

In this course the study of the theory of instruments is taken up, astronomical problems are solved, and practical work with instruments (including a thirteen-inch reflecting telescope, presented to the College by Henry C. Maine, of Rochester), is pursued as far as the present facilities permit.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject in the second term of the Sophomore and the first term of the Junior year, and a complete course is given. For those who desire to do more advanced work in this department, elective courses are offered. Chemistry is required during the first term of the Sophomore year, and three terms of elective work are offered. In both subjects, the prescribed work consists partly of textbook study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Soph. II. Tu. Th. Sa. at 9.

PHYSICS 2.—(Prescribed) Jun. I. Mo. We. Fr. at 11.

General Physics.

These two courses are continuous. A text book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—(Elective). Open to students who have had courses 1 and 2.
II. We. Fr. from 9 to 11.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—(Elective). Open to those who have had course 3. I. Tu. Th. from 2 to 4.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instruments of precision, accurate quantitative work in Mechanics, and the experimental verification of physical formulae. In the second term more advanced work in Heat, Light and Electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. I. Tu. Th. at 11, and We. Fr. from 9 to 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 2.—(Elective). Open to students who have had course 1. II. Mo. We. Fr. from 2 to 4.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts, Minerals, and Food Products.

CHEMISTRY 3.—(Elective). Open to students who have had course 2. I. Mo. We. Fr. from 2 to 4.

Quantitative Analysis: Gravimetric and Volumetric Analysis; Analysis of Salts, and common Natural Products.

CHEMISTRY 4.—(Elective). Open to those who have had course 3. II. Tu. Th. from 2 to 4.

Quantitative Analysis: Analysis of Water, Dairy and Food Products.

The above elective work is almost entirely in the laboratory, under the direction and supervision of the instructor. Note-books are frequently examined, and written work is assigned. The laboratory is well supplied with fine balances, graduated glassware, and apparatus for special analysis.

NATURAL SCIENCE.

Professor PRIEST and Professor FORD.

BIOLOGY 1.—(Prescribed, Scientific, Fresh. I; Elective in other courses) Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific, Fresh. II; Elective in other courses) Tu. Th. from 2 to 4, We. at 11, Fr. at 9. Professor FORD.

In this course the subject is pursued in more detail; with practical work, and lectures on natural selection, evolution, heredity, etc.

PHYSIOLOGY AND HYGIENE.—(Elective). Open to all students. I. Mo. Tu. Th. at 10, Sa. at 9. Professor PRIEST.

Martin's "The Human Body" (Advanced Course) is used as a text-book, and is largely supplemented by lectures and practical work.

GEOLOGY.—(Elective) I. Mo. Tu. Th. at 10. Professor FORD.

Dynamical, structural, and historical geology are studied in the order named. A short time is also devoted to the principles of economic geology. The geological formations of the region are of unusual interest; out-door work is done while the season permits; and the excellent collections, belonging to the University, of fossils, minerals, and specimens illustrating the various rock formations, add greatly to the effectiveness of the department.

MINERALOGY.—(Elective) II. Mo. at 10, and Tu. Th. from 10 to 12. Professor PRIEST.

The instruction consists, partly in the study of a text-book, with recitations, and partly in practical work with minerals. Models of crystals and the excellent mineralogical collection founded by the late Professor

J. H. Chapin are used for illustration. Special attention is given to the more common ores and useful minerals, in which the region is rich. About one-half the time is devoted to blow-pipe analysis.

POLITICAL SCIENCE AND HISTORY.

Professor GAINES and Professor FOSTER.

In the work in History, stress is laid upon institutions, cause and effect, and the interdependence of nations and of ideas. The required work concerns itself with general history, while in the elective courses definite periods are made the subject of consideration. In all courses emphasis is laid upon individual work and the methods used are in accordance with this idea.

HISTORY 1.—(Prescribed) Fresh I. Mo. We. Fr. at 2. Professor FOSTER.
Ancient History.

The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome. Written reports upon special assigned topics are required of each member of the class.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 2. Professor FOSTER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

HISTORY 3.—(Elective, three hours) I.

Rise and Development of Anglo-Saxon Institutions.

This course is designed as a preparation for the study of English History, hence especial emphasis is given to its bearing upon that subject and incidentally upon American History. Written reports upon special topics are required of each student.

HISTORY 4.—(Elective, three hours) Soph. II. Tu. Th. at 3; Fr. at 10. Professor FOSTER.

English History.

This course covers the political and constitutional history of England down to recent times. The main movements of continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. Written reports upon special topics are required.

HISTORY 5.—(Elective, two hours) I. Tu. Th. at 8. Professor FOSTER.

American History down to 1829.

This course will be given in the year 1900-1 and every other year thereafter, alternating with History 7.

Frequent oral reports are required upon special topics.

HISTORY 6.—(Elective, two hours) II. Tu. Th. at 8. Professor FOSTER.

American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories, constitute the basis of the work. This course will be given in the year 1900-1 and every other year thereafter, alternating with History 8.

Much individual research embodied in oral reports is required

HISTORY 7.—(Elective, three hours) I. Mo. Tu. Th. at 10. Professor FOSTER.

Modern History of Europe.

As a preface to this course an outline is given of the Rise of French Absolutism, culminating in the period of Louis XIV. The main movements in European life during the last century are then given, especially the Napoleonic Wars and the resulting reconstruction of Europe. A thesis is required in addition to frequent reports.

The course will be given in 1899-1900, alternating thereafter with History 5.

HISTORY 8.—(Elective, three hours) II. Mo. We. at 10; Fr. at 3. Professor FOSTER.

International Law and Diplomacy; Historical Research and Criticism.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given

to enable the student to appreciate and understand the current discussion of questions along these lines.

Following the work on International Law a series of lectures is given on methods of Historical Research and Criticism, especially designed for those who contemplate teaching history. Among other things a critical list of sources and authorities is given.

The course will be given in 1899-1900, alternating thereafter with History 6.

ECONOMICS 1 and 2.—(Prescribed) Sen. I and II. Mo. We. Fr. at 9.
Professor GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures. Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

SOCIOLOGY.—(Elective, three hours) Sen. II. (Hours to be arranged).
Professor FISHER.

Students who are especially interested in social science, and who are already well grounded in the principles of political economy, may, upon application approved by the instructor, be admitted to Professor Fisher's course in sociology.

PHILOSOPHY.

Professor GAINES.

PSYCHOLOGY 1.—(Prescribed) Jun. II. Mo. Tu. We. Th. at 11.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially

studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

PSYCHOLOGY 2.—(Elective) Sen. I. Mo. We. Fr. at 3.

This course embraces a brief history of philosophy, ancient and modern, physiology in its relations to psychology, and psychology and ontology. These subjects are treated partly in lectures, partly by study of a text-book and recitations, and partly by prescribed collateral reading. Frequent oral reviews are given, and a series of theses is required.

LOGIC 1.—(Prescribed) Sen. I. Tu. Th. Sa. at 9.

This course is mainly devoted to *deductive* reasoning, its conditions and legitimate procedure. It is the aim to study the subject, rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon (with constant critical discussion of each topic treated), with occasional lectures. Numerous reviews and examinations, both oral and written, are given. The topics thus treated embrace:—terms, their kinds and their defects; propositions, their kinds, critical interpretation, and transformations; the syllogism, its rules, forms, and transformations; fallacies, their kinds, and their analysis and detection.

LOGIC 2.—(Elective) Sen. II. Mo. We. Fr. at 3.

In this course *inductive* logic is treated. The methods used are similar to those above described:—the study of a text, with recitations, critical analysis, lectures, and a series of oral and written exercises. First is a critical study of the grounds of validity in inductive reasoning, then observation, experience, and hypothesis are carefully studied; this is followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. II. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

GENERAL INFORMATION.

SITUATION.

The University is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the institution, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Tuesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Friday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow

in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time. Each student is expected to attend regularly the Sunday services of the church of his choice.

Devotional exercises are conducted four times a week in the University Chapel, and all students are required to attend. Attendance at these exercises is under the supervision of the College Senate, consisting of four Seniors, three Juniors, two Sophomores, and one Freshman, with the President of the College as chairman.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given at the same time and also at the time for holding the examinations for entrance, but at no other time. Students desiring to avail themselves of such examinations must make application at least three days before the appointed time. No student is allowed to pursue courses more than one year in advance of any subject in which he is in arrears.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly eleven thousand volumes and several thousand pamphlets, comprising all classes of subjects and including many rare and valuable books. The library is open during the afternoon, Mondays, Tuesdays, Thursdays, and Fridays, throughout the College year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information application should be made to the Librarian (see page 7). The library

is contained in Herring Library Hall, a substantial fire-proof building with a capacity of 60,000 volumes, erected by the late Silas C. Herring, of New York City. Donations of books and money will be gratefully acknowledged.

SPECIAL LIBRARIES.

Two rooms in College Hall are devoted to the use of the library of the classical department, which contains about one thousand volumes, comprising editions of Greek and Latin authors, and general works of reference required by classical students.

A special library is also furnished for the use of students in the literature courses (see page 37). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 41). On the third floor is the biological laboratory. There is a valuable collection of rocks and fossils, illustrating the various geological formations. In addition to the general collection of minerals, the College owns the Chapin-Andrews Collection of Minerals. This collection is a valuable and unique one, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

The Gymnasium, erected in 1896, is a handsome and commodious building, eighty-two by forty feet, situated south of College Hall, and comprises a large gymnasium hall above, and ample dressing-rooms below, fitted with individual lockers. Pulley-weights, Indian clubs, dumb-bells, wands, rings, and horizontal and parallel bars, are the principal forms of apparatus used. A thorough physical examination of each student is made by the medical examiner, according to whose advice the gymnasium work is adapted to each case. All who pass a satisfactory

examination are required to take systematic exercise three hours each week under the instruction of the director of the gymnasium. The objects of the course are to maintain health and strength and to secure perfect physical development.

Separate gymnasium classes are formed for the young women of the College and the exercises are specially adapted to their strength and needs.

PRIZES.

Prizes in money or books are given for special excellence in various branches of the college work.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the best work in debate.

Prizes are offered by Professor Foster to members of the Junior class of the present year for the most complete and exact knowledge of parliamentary law as evinced on examination.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President. A fee of \$4 per year will hereafter be charged for the use of the Gymnasium.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.00 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills will be made out by the Treasurer; each bill will contain one-half the annual charges. The first bill will be due and payable on the first day of the College year; the second bill will be payable on the opening day of the second term.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders:

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D.D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000, the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., Treasurer of the University.

The MOSES HENRY HARRIS scholarship, founded in 1889 by the First Universalist Church of Worcester, Mass., in honor of Rev. Moses Henry Harris, D. D.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications

should be made, has sole power to nominate candidates for these scholarships. The Board is restricted, however, to the nomination of such as are actually members of the said Institution, and shall certify that in their opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the President.

FINAL HONORS.

Honors are conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments are printed in honor lists on the Commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, AND PHILOSOPHY.

Candidacy for Honors is determined on the basis of grades, and the unit of reckoning is the term-hour, i. e., work involving one hour per week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, are eligible for Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department are eligible for Honors in that department. Every candidate for honors is required to pass with distinction a special honor examination in the work of the department in which he is a candidate for honors and also to pass with credit a thorough examination on a special topic connected with the line of study in which he is a candidate for honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. The performance of such work must extend over at least one term under the guidance and supervision of the head of the department, and the results attained must give evidence of careful and critical study. Candidates for honors must indicate the departments in which they seek honors prior to March 1st of their Senior year; but it is desirable that honor work be begun much earlier in the year. Honor examinations are held during the last week in May, and all other honor work must be completed before that time. Final honors are awarded by the Faculty at discretion upon evidence of superior qualifications demonstrated in the manner stated.

Recipients of Honors or Highest Honors who attain an average grade of at least 80 in all departments, will receive a degree with distinction under the following conditions. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. In rare cases students who attain this distinction and who show in their work an unusual degree of aptitude, thoroughness and originality, may be graduated *summa cum laude*, at the discretion of the Faculty.

DEGREES.

The requirement for graduation is the completion of a four years' College course, with a satisfactory grade in all the prescribed studies and in the required number of term-hours of elective work, and the presentation of a thesis.

The degree of Bachelor of Arts will be conferred upon any candidate who, having satisfied the requirements for admission, has completed Course A, Course B, or Course C. (See pages 21, 22, 23).

The degree of Bachelor of Science will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 24).

The degree of Bachelor of Philosophy will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 25). The degree of Bachelor of Philosophy will not, however, be open to students entering College hereafter.

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

Any *three* of the following courses may be chosen. An original thesis in Latin on some topic in connection with the line of study chosen is required.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.
2. Tacitus, Annals, Bks. I-VI (Furneaux's edition); Selections from Suetonius; Merivale's History of the Romans under the Empire, with careful study of the character of Tiberius and the political institutions of the Early Empire.
3. One hundred and fifty pages of Cicero's philosophical works; Mayor's History of Ancient Philosophy; Zeller's Stoics, Epicureans and Sceptics.
4. The Captivi and Trinummus of Plautus, and the Phormio and Heautontimoroumenos of Terence; Platner's Greek and Roman Versification, with careful study of the metres of the plays read.
5. Egbert's Introduction to the Study of Latin Inscriptions; Lindsay's The Latin Language.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The Iliad and the Odyssey entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.
2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's Rhythmic and Metric, and Haigh's Attic Theatre.

3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.
4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.
5. An equivalent amount from the Attic Orators, with the history of the period involved.
6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's Short History of the English People; Taine's History of English Literature; Arnold's Manual of English Literature; Hunt's or Minto's English Prose; Stedman's The Nature of Poetry, Victorian Poets, and Poets of America; Lanier's Science of English Verse; and a critical reading of the following: Ward's English Poets entire, or a total of about 3,000 pages (at least 20 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspeare; Bacon's Essays, and an equal amount (i. e., about 200 pages each—a page to contain at least 300 words) from the works of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's System of Logic; Hamilton's or Bowen's Logic; Fowler's Inductive Logic; Ueberweg's History of Philosophy; Hamilton's Metaphysics; Bowen's Modern Philosophy. Plato's Dialogues (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's Introduction to Ethics; Sidgwick's Methods of Ethics.

POLITICAL SCIENCE.

Smith's Wealth of Nations; Mill's Political Economy; F. A. Walker's The Wages Question; Bowen's or Cary's Political Economy; Roscher-Lalor's Political Economy; Cossa's or Blanqui's History of Political Economy.

Amos's Science of Law; Woolsey's Political Science; Lieber's Political Ethics. This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Deschanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoe's and Schorlemmer's Treatise on Inorganic Chemistry; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's Text-Book; Brooks's Hand-Book of Invertebrate Zoology; Parker's Zootomy; Works of Darwin and Spencer.

2. Botany: Sachs's Text-Book; Goodale's Physiological Botany; Arthur, Barnes, and Coulter's Plant Dissection; Gray's Manual.

3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediaeval History.

Emerton's Introduction to the Study of the Middle Ages and Emerton's Mediaeval Europe (these as a ground-work of study); Bryce's Holy Roman Empire; G. W. Cox's Crusades (Epoch Series); Oman's Europe 476-918; Kitchin's History of France, Vol. I, in topical study; Milman's Latin Christianity, Vols. III to VII, inclusive, as to Papacy; Giesebrecht's Die Deutsche Kaiserzeit, for topics concerning the Empire to death of Barbarossa (5 vols.); Waitz's Deutsche Verfassungsgeschichte, Vols. V to VIII inclusive, or Rambaud's Histoire de la Civilization Francaise, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's Larger History as a preliminary; Freeman's Norman Conquest; Gairdner's Houses of Lancaster and York, Creighton's Age of Elizabeth, Gardiner's Puritan Revolution, and McCarthy's Epoch of Reform, all from the "Epoch Series". For topical reading; as to development of institutions, Stubbs's Constitutional History, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Fronde, Stanhope, and others.

3. Modern European History.

Ranke's History of Germany in the Period of the Reformation, and History of France in the Sixteenth and Seventeenth Centuries; Fyffe's History of Modern Europe; Morse Stephens' Europe from 1789 to 1815; from the "Epoch Series", Seeborn's Era of the Protestant Revolution, Creighton's Age of Elizabeth, Gardiner's Thirty Years' War, Morris' Age of Anne, and Longman's Frederick the Great and the Seven Years' War. For special topics, other reading offered to suit the individual case. Ability to use French and German books is necessary.

4. American History.

Lodge's History of English Colonies in America, Frothingham's Rise of the Republic and Epochs of American History (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's Washington, Morse's Jefferson; Schurz's Clay, Von Holst's Calhoun, Sumner's Jackson, and Morse's Lincoln; Rhodes' History of the United States from the Compromise of 1850, Vols. I and II. As to special topics, Bancroft's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's Histories as required.

Only those who are graduates of this College are admitted as candidates for the Master's degree.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

THE THEOLOGICAL SCHOOL

THE CANTON THEOLOGICAL SCHOOL.

The Seminary, now in its forty-first year, was formally opened in April, 1858. The late Ebenezer Fisher, D.D., was President from the opening until his death in 1879. For the last twenty years the School has been under the present management. In the interval of forty-one years over 365 students have been received and over 330 have been sent out into the Ministry of the Universalist Church. The Seminary has been open from the beginning to men and women on the same terms and twenty-eight women have been enrolled in its classes.

The Seminary was founded by the Universalist Church for the education of its ministry. This fact is never lost sight of. The aim is to send out into the ministry of the Church persons not only qualified to teach and to preach, but alive with interest in the great and advancing principles of Universalism, and loyally devoted to the welfare of the organization to which the maintenance of these principles is committed.

The Canton Theological School is an independent department of the St. Lawrence University, occupying in common with the College of Letters and Science the grounds, Library and Gymnasium, but having its own building and its separate faculty, funds and government. Students in the Theological School are eligible to instruction in the College classes, as are also College students in the classes of the Theological School.

FACULTY OF THE THEOLOGICAL SCHOOL.

REV. ISAAC MORGAN ATWOOD, D.D.,

President, and Dockstader Professor of Theology and Ethics.

REV. JOHN STEBBINS LEE, D.D.,

A. C. Moore Professor of Ecclesiastical History and Archaeology.

REV. HENRY PRENTISS FORBES, D.D.,

Craig Professor of Biblical Languages and Literature.

REV. LEWIS BEALS FISHER,

Ryder Professor of Pastoral Theology and Sociology.

REV. JOHN MURRAY ATWOOD, M.A.,

Instructor in Ethics and Logic.

REV. FREDERICK WILLIAM BETTS,

Non Resident Lecturer on Preaching, for 1899.

STUDENTS.

GRADUATES, JUNE, 1898.

Franklin Elihu Adams,	Canton.
Samuel Gilbert Ayres,	Dexter.
Clara Elizabeth Morgan,	Nunda.
Harvey Edward Newton,	Ravenna, O.
Robert Bennie Wetmore,	Newport.

GRADUATE STUDENTS.

CANDIDATES FOR DEGREE OF B.D.

RESIDENT.

Rev. Franklin Elihu Adams,	Canton.
Rev. Ralph Edwin Horn,	Canton.

NON-RESIDENT.

Rev. Lorenzo Dow Case,	Rome.
Rev. Thomas Fremington May,	Bristol.
Rev. Clara Elizabeth Morgan,	Nunda.
Rev. Robert Bennie Wetmore,	Newport.

SENIOR CLASS.

George Cross Baner,	Spokane, Wash.
Flora Bronis,	Rochester.
Harry Westbrook Reed,	Macedon.

MIDDLE CLASS.

Ina May Bridgeman,	Hardwick, Vt.
Benjamin Franklin Butler,	Potsdam.
Ida Estelle Estes,	Hardwick, Vt.
Edson Russell Miles,	Columbus, O.
Lewis Henry Robinson,	Nicholville.
Edward Butler Saunders,	Chicago, Ills.

JUNIOR CLASS.

Rufus Hopkins Dix,	Ashland, Mass.
Don Marshall Flower,	Hartland, Vt.
Evaristo Hurtado,	Guadalajara, Mexico.
John Smith Lowe,	Dexter.

DEPARTMENTS OF STUDY.

The principle of equivalence now advocated and very generally adopted in colleges has an important bearing on the rank and value of courses of study in the technical schools. That principle is, that a course of instruction is to be estimated, not by the fidelity with which it follows the traditional lists of topics, but by the *equivalent value* of the studies pursued as means of intellectual development and discipline and as sources of knowledge. On that principle, logically applied, it may well be considered whether the regular and full course of study required in the Seminary does not entitle its graduates to the degrees, or to equivalent degrees, earned by graduates of colleges.

While nearly everything that concerns an education is taught in the Seminary, from English Orthography to Hebrew Syntax, there are nine principal Departments of study: Ethics, History, Sociology, Criticism and Interpretation, Comparative Religions, Theology, Church Administration, Homiletics, and Apologetics.

I. ETHICS.

The aim in this study is to master the true theory of the moral powers and the principles and limitations of their action. To this end the subject is first taken up as a science, and afterwards considered in its application to practical life.

II. HISTORY.

General History is pursued until the student acquires a knowledge of its relations to Church History, to ancient Sacred History, to the History of Dogma and of the modern sects. To this study succeeds as much special work in the departments related to religion as time can be found for.

III. THEOLOGY.

Old and New Testament Theology, Dogmatic Theology, Denominational Theology, and Systematic Theology receive each in turn the attention of the student. The purpose is not so much to ground him in a special belief as to give him the knowledge which should underlie rational faith.

IV. COMPARATIVE RELIGIONS.

Much attention has always been given in this School to the subject of Comparative Religions. Great progress has been made in recent years both in the knowledge of the religions with which Christianity must be

compared and in the production of facilities for the study. This Seminary avails itself of the latest and best helps in this Department.

V. HOMILETICS.

The science and art of preaching are taught here theoretically and practically. It is believed that in no similar institution does the student obtain more intelligent guidance or acquire more practice in the business of making and delivering sermons. Beginning with the second year the composition and delivery of sermons, with criticism, continues through the course.

VI. APOLOGETICS.

The new method of dealing with the subject of the Evidences which has come into so great favor in Germany, Scotland and England, and of which the works of Kaftan, Bruce and Macgregor are so persuasive examples, has been adopted in this Seminary. At the same time the external historical evidences, direct and indirect, are not neglected.

VII. CHURCH ADMINISTRATION.

Pastoral Theology is the name given to one chair in the Canton School; but the large subject of the care and administration of churches; including the questions of revenue, church extension, the institutional church, denominationalism, pastoral duties and relations, with many more subjects of moment to the great business of religion, is given close and continuous attention.

VIII. PSYCHOLOGY.

The "Old" and the "New" Psychology are expounded to the student, but neither is taught as authoritative and final. A substance of teaching which may be said to be derived in part from each, and to differ in important respects from both, finds favor with teacher and pupils.

IX. INTERPRETATION AND CRITICISM.

The competence of the instructor in the department of Biblical Languages and Literature is widely recognized. While nothing belonging to present knowledge of the Scriptures is overlooked, and the point of view is that of scientific interpretation as distinguished from literalism and dogmatism, a spirit of reverence and well-grounded faith presides over the various, critical and interesting inquiries that arise in this study.

INSTRUCTION IN GERMAN.

Dr. Forbes, an interested and critical student of German Theology, has classes in German throughout the course. An unusually favorable opportunity is thus offered to students to take up the study of German and to become acquainted with "German Theology" by access to its original sources.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM—

Rhetoric—Hart's Manual; Prof. A. S. Hill's Foundations of Rhetoric; Exercises. Prof. ATWOOD.

Logic—Jevon's Lessons, with Lectures. Prof. ATWOOD.

Greek—Harper's N. T. Method. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Biblical Geography and Antiquities—Hurlbut's Manual and Lectures. Prof. LEE.

Principles of Evolution—Evolution and Religious Thought. Prof. FISHER.

SECOND TERM—

Rhetoric—The Art of Composition; The Art of Discourse; Themes. Prof. ATWOOD.

Ethics—Muirhead's Elements of Ethics; Hyde's Practical Ethics; Martineau's Types of Ethical Theory; Lectures. Prof. ATWOOD.

Archæology—Lectures. Prof. LEE.

Ecclesiastical History—Fisher, with Schaff as reference. Prof. FORBES.

Greek—Gospel of John; New Testament Text, and Manuscripts. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

SECOND YEAR.

FIRST TERM—

Rhetoric—Study of Style—Critical Exercises, Lectures. Prof. ATWOOD.

Sacred Rhetoric—Homiletics; Phelps's Theory of Preaching. Drill in planning sermons. Prof. FISHER.

Ecclesiastical History—Fisher's Reformation. Prof. FORBES.

Greek Testament—Selections from the Gospels, with Harper's Grammar. Prof. FORBES.

Pastoral Theology—Lectures on the Care and Administration of the Church. Profs. ATWOOD AND FISHER.

Hebrew—Gesenius's Grammar and Exercises; Selections from the Historical Books. Prof. FORBES.

SECOND TERM—

Psychology—Dewey's Third Edition—Baldwin—Sully—Lectures. Prof. ATWOOD.

Homiletics—Studies of History of English and American Pulpits; Analysis of Sermons of Eminent Preachers. Prof. FISHER.

History of Doctrines—Fisher, with Lectures, Ballou's Ancient History of Universalism and Beecher's History of Retribution. Prof. LEE.

Exegesis—Critical Study of the Greek of the New Testament and Interpretation. Prof. FORBES.

Greek—Pauline Epistles. Hermeneutics—Immer. Prof. FORBES.

Hebrew—Selections from the Old Testament. Prof. FORBES.

THIRD YEAR.

FIRST TERM—

Rhetoric—Instruction in the Art of Expression and of Communication. Prof. ATWOOD.

Homiletics—Study and Criticism of Sermons. Profs. FISHER and ATWOOD

Theology—The Latest Word of Universalism, with Lectures. Prof. ATWOOD

Apologetics—Bruce; Wright's Logic of the Christian Evidences. Prof. ATWOOD.

Comparative Religion—Menzies' History of Religions—Toy—with Lectures. Prof. FISHER.

Greek Testament—Critical Readings and Exposition. Prof. FORBES.

Old Testament—Origin of Books, History of Canon, Prophecy; Driver's Introduction to the O. T. Prof. FORBES.

SECOND TERM—

Emotional Religion and the Inner Life—Lectures on The Doctrine of Prayer. Prof. LEE.

Old Testament Theology—Oehler or Schultz's; Lectures. Prof. FORBES.

Evidences—Bruce's Apologetics; Norton's Genuineness; Huidekoper's Indirect Testimony; Wright's Logic, Part III. Prof. ATWOOD.

New Testament—Dod's or Weiss' Introduction; Cone's Gospel Criticism; History of Text; of Canon. Prof. FORBES.

Theology—Lectures on Systematic Theology. Prof. ATWOOD.

Hebrew—Readings from the Psalms and the Prophets. Prof. FORBES.

Sociology—Social Economics and Social Problems; Economics and Applied Christianity—Giddings, Small, Vincent. Prof. FISHER.

FOURTH YEAR

Theology—Fairbairn's—The Place of Christ in Modern Theology. Prof. ATWOOD.

Natural Theology—Valentine. Bascom. Prof. ATWOOD.

Hebrew—Critical Study of the Hexateuch. Prof. FORBES.

Exegesis—Critical Reading of the New Testament. Prof. FORBES.

Christianity in its Relation to Science—Hill's Natural Sources of Theology; Natural Law in the Spiritual World; Drummond's Ascent of Man. Prof. ATWOOD.

Theology of the New Testament—Cone's The Gospel and its Earliest Interpretations; Reuss, or Weiss, with Lectures. Prof. FORBES.

Life of Christ—Geikie—Edersheim. Prof. LEE.

Theological Encyclopædia.

Preaching—Composition and Criticism of Sermons. Prof. FISHER. Prof. ATWOOD.

Ecclesiastical History—Uhlhorn's Christianity and *Paganism. Continuity of Christian Thought. Prof. LEE.

NOTE.—Students are advised not to provide themselves with text-books before coming to the School, except on consultation with the Faculty.

INFORMATION.

TERMS AND VACATIONS.

The School Year begins the last Wednesday in September—this year September 27. The winter recess of 1899 begins on January 26, and ends February 22, 9 a. m. Commencement is the last Tuesday in June—this year June 27.

CONDITIONS OF ADMISSION.

The students particularly desired are those who give promise of usefulness in the ministry of the Universalist Church. The best preliminary preparation is a classical course in college. Students whose opportunities have not admitted of such preparation are received if they possess a High School or equivalent education in English. Sound moral principle and approved Christian standing are indispensable.

Applicants for admission must bring satisfactory testimonials as to their moral and religious character; if they are members of any church—which it is very desirable they should be—they should bring certificates to that effect.

EXPENSES.

No charge is made for tuition, or for the use of the library.

A society known as the *H II A* has instituted a club house in which board costs about \$3 a week.

Board may also be obtained in private families at \$3.50.

The necessary expenditure for each student is, at the maximum, about \$180 a year, of which \$122.50 is for board.

The General Convention grants aid by means of scholarships to students desiring to avail themselves of them; when recommended by the Faculty. They can add to their resources by preaching during vacations, or at other times, when deemed advisable by the Faculty.

LIBRARIES.

The Herring Library was founded by the munificence of the late Silas C. Herring, of New York. It contains a valuable and well selected collection of about 9,000 volumes. Among its contents are the libraries of the late

Rev. Samuel C. Loveland and of the late Prof. Dr. K. A. Credner, of the University of Giessen. The latter is especially rich in the departments of Biblical Criticism and Ecclesiastical History, and contains a large amount of rare and valuable literature of the early decades of the sixteenth century; works of Zwingli, Luther, Erasmus, Melancthon, Reuchlin, Bugenhagen, and other noted writers of the era of the German Reformation. Many of these books are exquisitely bound.

The library is being enlarged gradually by means of a fund donated for the purpose, and by contributions from friends. It is hoped that the present collection may be only a nucleus for large accessions in the future.

Valuable private libraries are also accessible to students of the school.

THE REFERENCE LIBRARY.

The utility of a collection of books, under the same roof with the class-rooms, for consultation in daily work, had so often impressed itself upon the Professors that the President in 1892 laid the foundation for a Reference Library by the purchase of about 100 volumes. This collection has been increased gradually by gift and purchase; and now by the generosity of a friend of the School, Mr. Lyman Bickford, of Macedon, N. Y., a fund of \$1,000 has been secured, from the income of which substantial and valuable additions are made from time to time.

FISHER MEMORIAL HALL.

The Theological School owns and occupies Fisher Memorial Hall, which was erected for its special and exclusive use in 1883. The building contains, besides class-rooms, office and Reading Room, a large and beautiful Chapel, designed as a memorial of the first President, the late Ebenezer Fisher, D.D. As a matter of convenience, and as a courtesy on the part of the Theological School, the College has held its chapel in this room during the last five years, twice a week jointly with the Theological School and three times a week alone. Though the arrangement was regarded as temporary it seems to be agreeable to all parties, and so long as it is so it is likely to be continued.

READING ROOM.

The Theological School has established a Reading Room in its own building. An annual fee of \$1 from each student is required by the Board of Trustees, for its support, and as the condition of enjoying all its privileges. In addition to various secular publications, the Reading Room keeps on file the following denominational and religious publications:

The Universalist-Leader, Independent, Universalist Herald, Christian Register, Outlook, Advance, Sunday School Helper, Homiletic Review, Literary Digest, The Thinker, Christian Literature, The Sunday School Times, The New World.

DIPLOMAS AND DEGREES.

The regular course of instruction extends through three years. Those only will be considered graduates of the School and entitled to its diploma, who shall have completed the three years' course of study herein laid down. Those who desire, may pursue a partial course, and will be entitled to a certificate stating the extent of the same; but the completion of the full course is desired by the Faculty, and will, so far as possible, be secured.

A Post Graduate Course has been established, to be completed by graduates in one year. The degree of *Bachelor of Divinity* is conferred on those completing this course, or its equivalent.

SCHOLARSHIPS AND FUNDS.

In addition to the Scholarships given by the General Convention to Theological Students, on terms and conditions prescribed by the Board, the Seminary holds "The Lester Taylor Fund" and "The Sarah A. Gage Fund," the income of which it is authorized to use for "the support and education" of students for the Universalist Ministry attending this School and complying with the conditions of the benefaction.

GENERAL EXERCISES.

Lectures on personal and professional culture, the practical work of the ministry, and other topics connected with the care and administration of the church, are delivered by the President, on Monday afternoons.

Lessons in Rhetoric and in Elocution are given regularly once a week.

After the study of Homiletics is commenced, in the second year, sermons are preached and criticised on Thursday of each week during the remainder of the course.

A critical and exegetical study of the Greek Testament is pursued during the Second and Third years, under the direction of the Professor of Biblical Languages.

Conference meetings, conducted in succession by the Professors and by the Students of the different classes, are held every Wednesday evening in the Chapel.

Examinations, either oral or written, are a regular order at the close of each term.

MISCELLANEOUS.

As a general answer to many inquiries it may be stated here that, (1) The Canton Theological School is located at the county seat of St. Lawrence county, in Northern New York, on the Rome, Watertown & Ogdensburg R. R.; (2) That the University buildings are within the corporation, near the railway station, and conveniently situated for those who desire to board in the village; (3) That one of the oldest and best Universalist parishes in the State is here, while the Universalist element is strong in the whole region; (4) That the opportunities for undistracted study are equal to the best; and that in the item of expense, a student could scarcely expect to be more favorably conditioned. It may be further stated that Canton has the reputation of being one of the healthiest places in the country—a reputation which it has amply sustained in the experience of over thirty classes of students. The latest report of the Bureau of Vital Statistics places Canton next to the most healthful locality in the State.

Theological Students are eligible to the privilege of instruction in any of the regular classes or courses in the College. But they are required to obtain permission from the Faculty to enter on any such study, and are not allowed to pursue it to such extent as will interfere with work in their own department.

GENERAL SUMMARY.

Trustees,	25
PROFESSORS.	
College of Letters and Science,	10
Theological School,	4
Lecturers and other officers,	5
STUDENTS.	
College of Letters and Science,—	
Graduate Students,	23
Senior Class,	20
Junior Class,	20
Sophomore Class,	27
Freshman Class,	25
Special Students,	12—127
Theological School,—	
Graduate Students,	6
Senior Class,	3
Middle Class,	6
Junior Class,	4—19
	<hr/> 146
Names entered twice,	6
	<hr/>
Total,	140

ACKNOWLEDGMENTS.

The University hereby makes grateful acknowledgment of the receipt of the following gifts. Pledges made during the past year, to be paid hereafter, will be duly acknowledged in the next issue of the Catalogue:

For the College of Letters and Science: From Mrs. Kate A. L. Chapin, \$4,000, making, with previous payments, \$23,000 in payment upon a gift of \$30,000 to endow the Chapin Professorship of Mineralogy and Geology, founded in 1894 in memory of her husband, the late Professor James Henry Chapin, Ph.D.

For the Woman's Professorship: From Mrs. Harriet Lewis, \$4,000; Miss Martha A. Hill, \$25; John L. and Eliza P. Heaton, \$100; Rev. W. H. McGlauffin, \$10; Mrs. Estelle B. Hurlbut, \$10; Mrs. Maud Thorburn Backus, \$136; Mrs. Anges Probst, \$10.

For the Gymnasium: Mr. B. H. Bush, \$10; Rev. B. B. Gibbs, \$10.

For the Classical Library: From a friend of the University, \$1,000.

FORMS OF BEQUESTS.

I. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the COLLEGE OF LETTERS AND SCIENCE of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said COLLEGE OF LETTERS AND SCIENCE.

II. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the LIBRARY of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be used for the maintenance and increase of said LIBRARY.

III. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars for the use of the THEOLOGICAL SCHOOL of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be used or expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said THEOLOGICAL SCHOOL.

IV. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of One Thousand Dollars, for the foundation of a perpetual Scholarship in said University, to be called the SCHOLARSHIP, on condition that the same shall be securely invested, and the principal never expended, and that the net income therefrom shall be devoted to the payment of the term-bills of the incumbent of said Scholarship.

V. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of Thirty Thousand Dollars, for the endowment of a Professorship in said University, to be called the PROFESSORSHIP, on condition that said money shall be securely invested, and that the principal shall never be used or diminished, and that the net income therefrom shall be devoted to the payment of the salary of the incumbent of said Professorship.

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C A T A L O G U E

OF

THE ST. LAWRENCE UNIVERSITY

CANTON, NEW YORK



1899-1900

CANTON, NEW YORK

PUBLISHED BY THE UNIVERSITY

1900

PLAINDEALER PRESSES, CANTON, N. Y.

GENERAL CALENDAR.

1899.

- Sept. 15, Friday, Second Entrance Examinations—College.
 Sept. 18, Monday, Matriculation of Freshmen—College.
 Sept. 19, Tuesday, First Term began—College.
 Sept. 27, Wednesday, First Term began—Theological School.
 Nov. 29, Wednesday, Thanksgiving Recess began.
 Dec. 4, Monday, Work resumed.
 Dec. 22, Friday, Christmas Recess began.

1900.

- Jan. 8, Monday, Christmas Recess ends—College.
 Jan. 25, Term closes—Theological School.

Winter vacation, twenty-seven days—Theological School.

- Feb. 10, Saturday, First Term closes—College.
 Feb. 12, Monday, Second Term begins—College.
 Feb. 21, Second Term begins—Theological School.
 Apr. 11, Easter Recess begins—College.
 Apr. 17, Easter Recess ends—College.
 Apr. 27, Friday, Tree Holiday—University.
 May 25, Friday, Field Day—University.
 June 2, Saturday, Senior Vacation begins—College.
 June 22, Friday, 9 a. m., First Entrance Examinations—College.
 June 23, Saturday, 9 a. m., Entrance Examinations continued—College.
 June 24, Sunday, Baccalaureate Sermons.
 June 25, Monday, 10 a. m., Annual Meeting of Alumni Association.
 June 25, Monday, 4 p. m., Annual Meeting of Phi Beta Kappa.
 June 26, Tuesday, 9 a. m., Fortieth Commencement—Theological.
 June 26, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
 June 27, Wednesday, 9 a. m., Thirty-Sixth Commencement—College.
 June 27, Wednesday, 2 p. m., Commencement Dinner.
 June 27, Wednesday, 8 p. m., Reception—Alumni Association.

Summer Vacation, twelve weeks—College.

Summer Vacation, thirteen weeks—Theological School.

- Sept. 14, Friday, 9 a. m., Second Entrance Examinations—College.
 Sept. 15, Saturday, 9 a. m., Entrance Examinations continued—College.
 Sept. 17, Monday, 9 a. m., Matriculation of Freshmen—College.
 Sept. 18, Tuesday, First Term begins—College.
 Sept. 26, Wednesday, First Term begins—Theological School.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and "to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, the University embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two departments are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the departments. The by-laws of the corporation provide "that the College of Letters and Science is and shall remain an unsectarian foundation * * * and that the Theological School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of "the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858. The first class was graduated in 1861.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1864, the preparatory school was discontinued. The first class was graduated from the College in 1865.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$480,000, of which \$360,000 are endowment funds, has been the result of private benefactions.

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Cummings Professor of Natural Science.

Chapin Professor of Geology and Mineralogy.

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Instructor in Physical Culture, and Director of the Gymnasium.

DEGREES CONFERRED JUNE 28, 1899.

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Glenn Andrews Kratzer, B. A. 1895, <i>Philosophy.</i>	Middleport.
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Eng. 1, Eng. A, French 1, Biol. 1, Hist. 3, Hist. 7.		
Harry Westbrook Reed,	<i>Macedon</i> ,	<i>H Π A</i> House
Eng. 1, Germ. 1, Latin 9, Geol., Biol. 1.		

ADMISSION.

Candidates may be admitted to the Freshman class on examination, on the credentials of the State Board of Regents, or on certificates of principals of approved preparatory schools.

The University offers entrance examinations in the following subjects, but not all of these subjects will be required of any one candidate. The specific requirements for admission to the several courses will be found stated on pages 19 and 20.

LATIN:—

I. First Year Latin.

II. Cæsar's Gallic War, Books I-IV.

III. Vergil's *Æneid*, Books I-VI.

IV. Cicero's four orations against Catiline and those for Archias and the Manilian Law.

V. Composition: translation of connected English passages into Latin prose.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronunciation is used.

GREEK:—

I. First Year Greek.

II. Xenophon's *Anabasis*, 3 books.

III. Homer's *Iliad*, 3 books; or *Odyssey*, 3 books.

IV. Composition: translation into Greek (with accents) of English passages based on Xenophon.

ENGLISH:—

I. English Language and Literature. The candidate will be required to show satisfactory evidence that he has pursued a course of study in Advanced English, English Composition, Rhetoric, and English or American Literature, equivalent to the First Year and Second Year English in the usual high school course. Note-books and exercises in composition or other written work done in such a course, properly certified by his instructor, may be offered as evidence of the candidate's proficiency. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs. Teachers are requested to insist on the use of good English, as an essential part of the pupil's training, in his translations from foreign languages, and in whatever he writes or speaks on any subject in the school course.

II. English Reading. In connection with the general requirement described above, the candidate must have made special preparation upon certain books, to be announced from year to year. The examination will be divided into two parts:

A.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to show the candidate's power of clear and accurate expression. In preparation of this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books prescribed for this part of the examination will be:

1900—Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, XXIV; The Sir Roger de Coverley Papers; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; DeQuincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *Vision of Sir Launfal*.

1901 and 1902—Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley papers in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, literary form, and grammatical and logical structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books prescribed for this part of the examination will be:

1900—Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1901 and 1902—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

FRENCH:—

I. Grammar (Keetels's or Edgren's preferred); ability to render connected English passages into French; ability to translate into idiomatic English such works as Halevy's *L'Abbé Constantin*; Molière's *L'Avare* and *Les Précieuses Ridicules*.

II. Translation of such works as George Sand's *La Petite Fadette*; Racine's *Athalie* and *Esther*; Feuillet's *Le Roman d'un Jeune Homme Pauvre*.

III. Translation of such works as Victor Hugo's *Quatre-vingt-treize* and *Notre Dame de Paris*; St. Simon's *Mémoires* (A. N. Van Daell's edition); de Stael's *Corinne*.

GERMAN:—

I. Grammar (Joynes-Meissner preferred); ability to translate a connected passage of English prose into idiomatic German; translation into good English of such works as Hauff's *Das Kalte Herz*; Storm's *Immensee*; Von Hillern's *Höher als die Kirche*.

II. Translation of such works as Bernhardt's *Novelletten Bibliothek*; Schiller's *Die Jungfrau*, *Maria Stuart*, and *Wilhelm Tell*; Lessing's *Minna von Barnhelm*.

III. Translation of such works as Lessing's *Nathan der Weise*; Goethe's *Hermann und Dorothea*, *Faust*, Part I, and *Iphigenie auf Tauris*.

MATHEMATICS:—

I. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics.

II. Plane Geometry.

HISTORY AND CIVIL GOVERNMENT:—

I. History of Greece and of Rome.

II. American History.

III. General History.

IV. English History.

V. Advanced U. S. History.

VI. Civics.

SCIENCE:—

I. Physiology and Hygiene (Martin's *Human Body*, Briefer Course, or equivalent).

II. Physical Geography.

III. Botany.

IV. Chemistry, Part I.

V. Chemistry, Part II.

VI. Physics, Part I.

VII. Physics, Part II.

VIII. Astronomy.

IX. Geology.

X. Zoology.

REQUIREMENTS FOR ADMISSION.

1. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS.

Candidates for admission to the course leading to the degree of Bachelor of Arts must present of the above list:—

Latin I, II, III, IV, V;
English I, II;
Mathematics I, II;
History I, II;
Science I;

and one of the following groups:—

- A. Greek I, II, III, IV.
- B. German I, II, III.
- C. French I, II, III.
- D. German I, II, and Science IV, V, or VI, VII.
- E. French I, II, and Science IV, V, or VI, VII.

2. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Candidates for admission to the course leading to the degree of Bachelor of Science must present:—

English I, II;
Mathematics I, II;
History I, II;
Science I;

and one of the following groups:—

- A. Latin I, II.
- B. German I, II.
- C. French I, II.

Candidates for admission to this course must present, in addition to the above, any nine subjects taken from the following list:

Physical Geography; Botany; Zoology; Geology; Astronomy; Chemistry, Part I; Chemistry, Part II; Physics, Part I; Physics, Part II; General History; English History; Advanced U. S. History; Civics. A third year of Latin, French, or German may be substituted for any two of these subjects.

Other academic subjects may be offered by the candidate, and may be accepted if their scope and nature be found satisfactory to the Faculty.

GENERAL REMARKS.

The conditions stated above require that any candidate for admission to a course leading to a degree must have, in addition to the pre-academic or grammar school studies, a four years' high school preparation, or a full equivalent, embracing the specific subjects named.

In lieu of entrance examinations the following will be accepted:---

I. The pass-cards, certificates and academic diploma of the State Board of Regents for the subjects which they cover. Such credentials will not, however, be accepted for advanced standing.

II. The certificates of principals of approved preparatory schools will admit students on probation, but such certificates must state specifically the subjects in which the candidate has passed satisfactory examinations covering the requirements as stated.

Such certificates should be filed with the Recorder at least two weeks prior to the regular entrance examinations. Forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they desire to enter.

Candidates from other colleges will be required to present certificates of dismissal in good standing.

Persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. Persons of exceptional maturity, or who have a definite plan of study, may be admitted, by vote of the Faculty, to a special course not leading to a degree. They must file with the Recorder certificates of their previous work.

The regular examinations of candidates for admission will be held at College Hall on the Friday and Saturday preceding Commencement and on the Friday and Saturday preceding the opening of the College. (For dates see calendar on page 3).

Further information may be had upon application to the Recorder.

COURSES OF STUDY.

I. LEADING TO THE DEGREE OF BACHELOR OF ARTS.

GROUP A.—FOR STUDENTS ADMITTED ON LATIN AND GREEK.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); Greek 1 (three); German 1 (three); History 1 (three). Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); Greek 2 (three); German 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); Greek 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); Greek 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three); *Elective, twelve hours.*

GROUP B.—FOR STUDENTS ADMITTED ON LATIN AND GERMAN.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); French 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); French 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); French 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); French 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction).

GROUP C.—FOR STUDENTS ADMITTED ON LATIN AND FRENCH.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); German 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); German 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); French 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); French 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction).

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (three); Biology 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (three); Biology 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: French 1 or German 1 (three hours); French 3 or German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three); Geology (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: French 2 or German 2 (three hours); French 4 or German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three); Mineralogy (three). [Studies elected for the first term must be continued throughout the year. Geology and Mineralogy are grouped together.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours. (See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction).

III. LEADING TO THE DEGREE OF BACHELOR OF PHILOSOPHY.

NOTE—This course has not been open to students entering college since 1896-97 and will be discontinued with the present academic year.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (four hours); French 1 or German 1 (four); English A (one); Mathematics 1 (four); History 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (four hours); French 2 or German 2 (four); English B (one); Mathematics 2 (four); History 2 (three).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, nine hours.—French 3 or German 3 (three hours); English C (two); Chemistry 1 (four).

Elective, seven hours.—Latin 3 (three hours); Mathematics 3 (three); Biology 1 (four); Physiology (four); Geology (three).

SECOND TERM.

Prescribed, nine hours.—French 4 or German 4 (three hours); Physics 1 (three); History 3 (three).

Elective, seven hours.—Latin 4 (three hours); English D (two); Mathematics 4 (three); Biology 2 (four); Chemistry 2 (three); Mineralogy (three).

JUNIOR YEAR.

FIRST TERM.

Prescribed, three hours.—Physics 2.

Elective, twelve hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, four hours.—Psychology.

Elective, eleven hours.—(See Tabular View and Departments of Instruction.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Logic (three hours); Economics 1 (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction).

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction.)

TABULAR VIEW—FIRST TERM.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8	French 3 Astronomy 1 History 5	German 3 History 7	French 3 Astronomy 1 History 5	German 3 History 7	French 3 Astronomy 1 History 5	German 3 History 7
9	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology
10	French 1 Latin 3 Mathematics 5 Greek 5	German 1 Latin 5 and 7 Physics 3 (Lab.) Greek 3	French 1 Latin 3 Mathematics 5 Greek 5	German 1 Latin 5 and 7 Physics 3 (Lab.) Greek 3	French 1 Latin 3 Mathematics 5 Greek 5	German 1 Latin 5 Greek 3
11	Psychology Mathematics 1	English 1 Mathematics 1 Physics 3 (Lab.)	Psychology Biology 1	English 1 Mathematics 1 Physics 3 (Lab.)	Psychology Mathematics 1 Chemistry 1	
2	Chem. 3 (Lab.) Latin 9 History 1 Fine Arts 1	Latin 13 Chem. 1 (Lab.) Rhetoric 1 French 5 Biology 1 (Lab.) Parl. Law 1	Chem. 3 (Lab.) Latin 9 History 1 English A Fine Arts 1	Latin 13 Chem. 1 (Lab.) Rhetoric 1 French 5 Biology 1 (Lab.)	Chem. 3 (Lab.) Latin 9 History 1 Fine Arts 1	
3	Chem. 3 (Lab.) Latin 1 History 3	Chem. 1 (Lab.) German 5 Biology 1 (Lab.) Latin 11 Parl. Law 1	Chem. 3 (Lab.) Latin 1 History 3	Chem. 1 (Lab.) German 5 Biology 1 (Lab.) Latin 11	Chem. 3 (Lab.) Latin 1 History 3	

TABULAR VIEW—SECOND TERM.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8	French 4 Astronomy 2 History 6	German 4 History 8	French 4 Astronomy 2 History 6	German 4 History 8	French 4 History 6	German 4 History 8
9	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2
10	French 2 Mineralogy(Lab.) Latin 4 Mathematics 6 Greek 6	German 2 Physics 4 (Lab.) Latin 6 and 8 Mathematics 8 Greek 4	French 2 Mineralogy(Lab.) Latin 4 Mathematics 6 Greek 6	German 2 Physics 4 (Lab.) Latin 6 and 8 Greek 4	French 2 Mineralogy Latin 4 Mathematics 6 Greek 6	German 2 Latin 6 and 8 Greek 4
11	Logic Mineralogy(Lab.) Mathematics 2	English 2 Physics 4 (Lab.) Mathematics 2	Logic Mineralogy(Lab.) Biology 2	English 2 Physics 4 (Lab.) Mathematics 2	Logic Chemistry 2 Mathematics 2	
2	Chem. 4 (Lab.)	Rhetoric 2 Chem. 2 (Lab.) French 6 Biology 2 (Lab.) Parl. Law Latin 14	Chem. 4 (Lab.) Mathematics 8 English B History 2 Latin 10	Rhetoric 2 Chem. 2 (Lab.) French 6 Biology 2 Latin 14	Chem. 4 (Lab.) History 2 Latin 10	
3	Chem. 4 (Lab.) Latin 2 History 4	Chem. 2 (Lab.) German 6 Biology 2 (Lab.) Parl. Law	Chem. 4 (Lab.) Latin 2 Mathematics 8 History 4	Chem. 2 (Lab.) German 6 Biology 2 (Lab.) Latin 12	Chem. 4 (Lab.) Latin 2 History 4	

DEPARTMENTS OF INSTRUCTION.

LATIN.

Professor HARDIE.

Latin is a required subject during the first year of the courses leading to the degrees of Bachelor of Arts and Bachelor of Philosophy and is elective during the three following years. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

HONORS.—Candidates for honors in this department are required to present a thesis in Latin upon some topic in connection with the work of the department. The honor examination consists of the rendering and critical interpretation of a passage chosen from a Latin author; questions on the history of the Latin language and literature; and the discussion of topics in connection with the political and social institutions of the Romans, their art, mythology, religion and philosophy. Two terms' practice in writing Latin in addition to the amount prescribed is required of candidates for honors in Latin.

LATIN 1.—(Prescribed) Fresh. I. Mo. We. Fr. at 3.

Livy, Book I or XXI; Writing Latin; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sentence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 3.

Cicero, De Senectute and selections from Cicero's Letters; Writing Latin; Translation at sight.

This term's work serves as an introduction to the study of Cicero's philosophical works and of his public career and personal traits viewed in the light of his letters to his friends. Translation of Latin at sight and the translation of English narrative into Latin are continued. Special attention is given to the study of Latin idiom.

LATIN 3.—I. Mo. We. Fr. at 10. Open to those who have had Latin 1 and 2.

Horace's Odes; Tacitus, Agricola and Germania.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire.

LATIN 4.—II. Mo. We. Fr. at 10.

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual development of the language is then followed with special reference to its bearing upon Roman character and institutions. The course is conducted by lectures supplemented by the study of Cruttwell's Roman Literature.

Reading of portions of selected authors and consultation of histories of literature in the classical library are required. Students in the Scientific course are admitted to this course and read selections from standard translations of Latin authors instead of the passages in the original prescribed for other members of the class.

LATIN 5.—I. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2. Omitted in 1899-1900; to be given in 1900-01.

Catullus, Tibullus, Propertius and Ovid.

This course is designed for rapid reading and a considerable amount is covered. Attention is given to the tendencies of the age and the influence of the Alexandrine school as exemplified in the portions read. The elegiac poems of the authors named are compared and contrasted as expressions of personal feeling, and their works as a whole are considered as illustrative of contemporary life and thought.

LATIN 6.—II. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2. Omitted in 1899-1900; to be given in 1900-01.

Horace's Satires and Epistles; Plautus, *Mostellaria*.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms, are discussed. Indications of his personal characteristics and opinions, his views on the conduct of life, and of the social and political conditions of his time, are all carefully noted. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus.

LATIN 7.—I. Tu. Th. at 10. Open to those who have had Latin 1 and 2. To be omitted in 1900-01.

Early Latin.

This course deals with the inscriptions and other remains which we possess of the Latin of the pre-classical period. Allen's *Remnants of Early Latin* and Merry's *Fragments of Roman Poetry* are made the basis of study, and the *Corpus Inscriptionum Latinarum* and other works bearing upon the subject are constantly referred to. A portion of the time is devoted to a study of the syntax of the early period in its relation to classical usage.

LATIN 8.—II. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2.

Lucretius, *De Rerum Natura*.

In this course the Epicurean philosophy is studied as set forth in the work named. The author is also considered from a literary standpoint. A portion of the time is devoted to a study of the history of ancient philosophy, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 9.—I. Mo. We. Fr. at 2. To be omitted in 1900-01.

Roman Antiquities.

This course is designed to give some acquaintance with the domestic, social and political life of the Romans. Among the topics treated are the Roman house, furniture and utensils, dress, daily occupations, social customs, education, amusements, art, religious institutions, public assemblies, magistrates, legislative and judicial procedure, and provincial administration. The course is conducted by means of lectures and reports on assigned topics. Photographs and similar means of illustration are employed. Ability to read Latin is useful but not indispensable to those who take this course.

LATIN 10.—II. Mo. We. Fr. at 2. Open to those who have had Latin 1 and 2.

Roman politics of the time of Cicero.

This course deals with the political issues and parties and the relations and movements of the political leaders during the last years of the republic. Particular attention is given to the so-called Conspiracy of Catiline, the exile and return of Cicero, and the political situation during the period of the Civil War. Selected letters of Cicero and portions of his orations are read as a basis of study.

LATIN 11.—I. Tu. Th. at 3. Open to those who have had Latin 1 and 2.

Latin Style.

This course is intended for students who are well grounded in the principles of syntax and have a good command of vocabulary. The course is devoted to a study of the peculiarities of Latin idiom and the essential differences between English and Latin modes of expression; the work is conducted by lectures, and once a week a passage is set for translation. Potts's *Hints Towards Latin Prose Composition* is used for the guidance of the class.

LATIN 12.—II. Th. at 3. Open to those who have passed in Latin 11 with high grade.

Latin Style.

This course is designed to cultivate facility of expression and appreciation of Latin style. Latin models are carefully analyzed, and the translation of English into Latin is varied with practice in original composition and the oral use of Latin. This course is open to only the most advanced students.

LATIN 13.—I. Tu. Th. at 2. Open to those who have had Latin 1 and 2.

Prose writers of the Early Empire.

Selections from the prose writers of the Silver Age, chiefly Seneca, Tacitus and Quintilian, studied with reference to the tendencies of the age in thought and letters.

LATIN 14 —II. Tu. Th. at 2.

Teachers' Course.

In this course a study is made of topics of interest to teachers in connection with the authors read in preparation for college.

GREEK.

Professor C. K. GAINES and Professor FOSTER.

Greek is a prescribed subject during the Freshman year for those who have presented it upon entrance, and is elective during the Sophomore and Junior years. Instruction in this department is confined chiefly to the careful reading of representative writers. Grammatical criticism and exercises in writing Greek are recognized as means to an end, the end being the appreciation of Greek literature and, through it, of Greek thought. In rendering Greek, the use of idiomatic English is required, not, however, to the detriment of the style and spirit of the original. In this way the study of Greek is made to contribute to the discriminating use of English. Students in the Greek courses are entitled to the privileges of the classical library.

GREEK 1.—(Prescribed) Group A, Fresh. I. Mo. We. Fr. at 9. Professor FOSTER.

Select Orations of Lysias; Writing Greek.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. In this course special attention is given

to the syntax of the moods and tenses; and one hour each week is devoted to writing Greek and kindred exercises. Before the end of the term Plato's *Apology* is begun.

GREEK 2.—(Prescribed) Group A, Fresh. II. Mo. We. Fr. at 9. Professor C. K. GAINES.

Selections from Plato's *Apology*, *Crito*, and *Phaedo*, and from Xenophon's *Memorabilia*.

The course includes the main facts in the life and teachings of Socrates as well as the condition of Athens at the beginning of its decline. The literary aspect of Athenian life receives especial attention.

GREEK 3.—I. Tu. Th. Sa. at 10.

Demosthenes de Corona; or *The Philippics*, with a study of the period involved. Professor FOSTER.

Special attention is given to appreciative reading of the Greek text and effective rendering. A sound understanding of the political situation and of the events referred to in the argument is required, and supplementary reading indicated.

GREEK 4.—II. Tu. Th. Sa. at 10. Professor C. K. GAINES.

Greek Tragedy; with a study of the Attic Theatre and related topics.

The authors ordinarily taken up are *Æschylus* and *Sophocles*. Supplementary reading is prescribed. Particular attention is given to the metrical reading of the Greek dialogue.

GREEK 5 and 6.—I. Mo. We. Fr. at 10; II. Mo. We. and Fr. at 10. Professor C. K. GAINES.

These courses are designed to give a more perfect mastery to students who are especially proficient.

The details of the work are determined by the instructor after consultation with the class, but a course of lectures upon Greek life and letters, and a critical study of Attic Comedy are among the features.

FRENCH.

Professor LIOTARD.

French is a required subject during the first year in Group B, and in the Scientific course is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at

the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin. The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—I. Mo. We. Fr. at 10.

Keetels's Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—II. Mo. We. Fr. at 10.

Keetels's Grammar concluded; *Le Chien du Capitaine*, L'Abbé Constantin.

This course consists of the reading and translation of easy French; some of the best passages of the famous French tragic author are committed to memory.

FRENCH 3.—I. Mo. We. Fr. at 8.

Le Roman d'un Jeune Homme Pauvre; Racine's *Esther*; Molière's *Le Misanthrope*.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV, and from the works of some of the modern novelists.

FRENCH 4.—II. Mo. We. Fr. at 8. Open to those who have completed course 3, or who entered with two years of French.

Les Mémoires de St. Simon; Victor Hugo's *Quatre-vingt-treize*; Balzac's *Le Curé de Tours*.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—I. Tu. Th. at 2. Open to those who have completed course 4, or who entered with three years of French.

Writing French; French conversation.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—II. Tu. Th. at 2. Open to those who have completed course 5.

Lectures on French Literature; Writing French; French conversation.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first year in Group C, and in the Scientific course is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction, are similar to those used in the French courses above described.

GERMAN 1.—I. Tu. Th. Sa. at 10.

Joynes-Meissner German grammar, with copious exercises in the translation of English into German.

GERMAN 2.—II. Tu. Th. Sa. at 10.

Grammar concluded; Schiller's *Der Neffe als Onkel*; *L'Arrabbiata*; *Irrfahrten*

GERMAN 3.—I. Tu. Th. Sa. at 8.

Schiller's *Jungfrau and Maria Stuart*.

GERMAN 4.—II. Tu. Th. Sa. at 8. Open to those who have completed course 2, or who entered with two years of German.

Lessing's *Nathan der Weise*; *Iphigenia auf Tauris*; *Faust*.

GERMAN 5.—I. Tu. Th. at 3. Open to those who have completed course 4, or who entered with three years of German.

Writing German.

GERMAN 6.—II. Tu. Th. at 3. Open to those who have completed course 5. Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

Professor C. K. GAINES.

ENGLISH A.—(Prescribed) Soph. I. We. at 2. Dr. LEE.

The aim in this course is to increase by exercise the student's control of his mother tongue. Each member of the class is required to write an essay every week, and a part of the hour of recitation is given to the reading and criticism of these essays. Lectures are given in the principles of English composition.

ENGLISH B.—(Prescribed) Soph. II. We. at 2.

Careful study will be made of the systematic plan and logical development of the various kinds of discourse. Outlines will be prepared and criticised, and from these whole compositions will be constructed.

PARLIAMENTARY LAW AND DEBATE I.—I. Tu. 2 to 4. Professor FOSTER.

PARLIAMENTARY LAW AND DEBATE 2.—II. Tu. 2 to 4.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of order are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary, and carefully prepared models are furnished for minutes, reports, resolutions, etc.; all written work is subject to revision by the instructor. Frequent debates are held upon practical questions, and all members are required to take part to a reasonable extent. The speeches are usually from fifteen to thirty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticized by the instructor at the close of each debate. Mere rhetoric and empty display are discountenanced, and a thoroughly practical and business-like style of speaking is inculcated; it is a constant aim to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best.

ENGLISH 1.—(three hours) I. Tu. Th. at 11; hours for writing to be arranged. Dr. LEE.

ENGLISH 2.—(two hours) II. Fr. at 11; hours for writing to be arranged. Open to those who have completed English 1.

These courses are designed to give an adequate introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced courses which follow. The development of English literature is treated historically in a series of lectures (two hours a week during the first term, and one hour during the second term). Blackboard tabulations are used, students are required to take notes, frequent oral examinations are held, and a written examination is given at the close of each term. Parallel with the lectures is a prescribed course of reading, covering about the same ground and amounting to at least 3,000 pages. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed; but a moderate amount of election is allowed, that the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. Students are required to prepare and present careful abstracts of everything read in the course, and to write numerous critiques under the supervision of the instructor and subject to searching criticism.

ENGLISH 3.—(one hour) I. Open to those who have taken English 1.

Free election from the full selection list. This course is designed to supplement English 1.

ENGLISH 4.—(one hour) I. Open to those who have taken English 1 and 2.

Shakspere and the Elizabethan drama: selected plays.

ENGLISH 5.—(one hour) I. Open to those who have taken English 1 and 2.

Dramatic literature in general: selected plays, including some translations.

ENGLISH 6.—(one hour) II. Open to those who have taken English 1 and 2.

Largely free election from the list, but with certain requirements preliminary to English 7.

ENGLISH 7.—(one hour) II. Open to those who have taken English 1 and 2.

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations, and with reference to the best English criticism.

ENGLISH 8.—(one hour) II. Open to those who have taken English 1 and 2.

English prose writers, especially the essayists.

RHETORIC 1.—I. Tu. Th. at 2.

RHETORIC 2.—II. Tu. Th. at 2.

Professor A. G. GAINES.

These courses are continuous, and if the subject is elected it must be pursued throughout the year. The topics taken up during the first term are,—conviction, the finding and arranging of arguments; and persuasion, the arousing of the emotions and the influencing of the will. The second term is devoted to the study of style and its qualities, and to elocution in relation to reading and speaking. The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's Elements is taken as a convenient basis. A large amount of written work is required.

FINE ARTS.

Professor HARDIE.

FINE ARTS 1.—I. Mo. We. Fr. at 2.

This course is designed as an introduction to the study of art and archæology, with special reference to the plastic art and architecture of the Greeks, Roman art, the development of the later styles of architecture, and sculpture and painting in Italy during the Renaissance. The course is conducted by lectures, and is illustrated by photographs and plaster casts.

MATHEMATICS.

Professor FORD.

Mathematics is a required subject during the Freshman year. During the Sophomore, Junior and Senior years elective courses are offered.

The instruction offered in this department is intended to aid in the development of exact, concise, and independent reasoning, to cultivate the imagination and to inspire habits of original and independent thought. At the same time it is intended to afford those students who are desirous of doing advanced work in mathematics, astronomy, or physics an opportunity for securing the necessary preliminary equipment. The student is taught from the beginning that memory, although an important factor in mathematical study, is secondary to originality and invention.

In courses 1 and 2 special attention is given to a thorough drill in the subjects pursued. The work comprises the study of a text book,

with recitations and frequent reviews, supplemented by lectures and original work. In all elective courses the subjects are developed by lectures accompanied by a careful and systematic questioning of the student during the progress of the lecture. Many problems are solved and original demonstrations required. Frequent recitations are given, the object of the recitation being to test the student's ability to apply readily what he has learned, rather than a repetition of the work previously developed by the lectures. Text books are used both for study and for reference.

MATHEMATICS 1.—(Prescribed) Fresh. I. Mo. Tu. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of solid geometry, the solution of numerical applications and original problems is required. In trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 2.—(Prescribed) Fresh. II. Mo. Tu. Th. Fr. at 11.

Algebra.

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, probability, general properties of equations.

MATHEMATICS 3.—I. Mo. We. Fr. at 9. Open to students having courses 1 and 2.

Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—II. Mo. We. Fr. at 9. Open to students having course 3.

Elements of Calculus.

The work will include simple and successive differentiation of explicit and implicit functions with application to the expansion of functions, evaluation of indeterminate forms and maxima and minima, and the integration of simple forms, with application. The course is designed to give enough of the elements of the subject to enable the student to take up intelligently a more thorough and systematic study of the calculus, and of its application to physical and mechanical problems.

MATHEMATICS 5.—I. Mo. We. Fr. at 10. Open to students having course 4.

Calculus.

In this course an opportunity is given to those who have taken course 4 to pursue the study of calculus further. Special topics, necessarily omitted from the preceding course, are treated.

Courses 5 and 7 are given in alternate years.

MATHEMATICS 6.—II. Mo. We. Fr. at 10. Open to students having course 4.

Determinants and the Theory of Equations.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed. Courses (6) and (8) are given in alternate years.

MATHEMATICS 7.—I. Mo. We. Fr. at 10. Open to students having course 3.

Modern Analytic Geometry.

Some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates. Courses (7) and (5) are given in alternate years.

MATHEMATICS 8.—II. Mo. We. Fr. at 10. Open to students having course 3.

Solid Analytic Geometry.

An elementary course alternating with course 6 is given.

MATHEMATICS 9.—II. Tu. at 10 and We. afternoon. Open to students having courses 1 and 2.

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

ASTRONOMY.

Professor FORD.

ASTRONOMY 1.—I. Mo. We. Fr. at 8. Open to Juniors and Seniors.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental princi-

ples, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies.

ASTRONOMY 2.—II. Mo. We. at 8: Open to students having Astronomy 1.

Spherical and Practical Astronomy.

In this course the study of the theory of instruments is taken up, astronomical problems are solved, and practical work with instruments is pursued as far as the present facilities permit.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject during the Junior year, and a complete course is given. For those who desire to do more advanced work in this department, elective courses are offered. Chemistry is required during the Sophomore year, and three terms of elective work are offered. In both subjects, the prescribed work consists partly of text-book study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Jun. I. Tu. Th. Sa. at 9.

PHYSICS 2.—(Prescribed) Jun. II. Tu. Th. Sa. at 9.

General Physics.

These two courses are continuous. A text-book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—I. Tu. Th. from 10 to 12. Open to students who have had courses 1 and 2.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—II. Tu. Th. from 10 to 12. Open to those who have had course 3.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instruments of precision, accurate quantitative work in mechanics, and the experimental verification of physical formulae. In the second term more advanced work in heat, light and electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. I. Tu. Th. from 2 to 4 and Fr. at 11.

CHEMISTRY 2.—(Prescribed) Soph. II. Tu. Th. from 2 to 4 and Fr. at 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 3.—I. Mo. We. Fr. from 2 to 4. Open to students who have had courses 1 and 2.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts, Minerals, and Food Products.

CHEMISTRY 4.—II. Mo. We. Fr. from 2 to 4. Open to students who have had course 3.

Quantitative Analysis: Gravimetric and Volumetric Analysis; Analysis of Salts, and common Natural Products.

NATURAL SCIENCE.

Professor PRIEST and Professor FORD.

BIOLOGY 1.—(Prescribed, Scientific). Fresh. I. Tu. Th. from 2 to 4, We. at 11. Professor FORD.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific). Fresh. II. Tu. Th. from 2 to 4, We. at 11. Professor FORD.

In this course the subject is pursued in more detail; with lectures on natural selection, evolution, heredity, etc.

PHYSIOLOGY AND HYGIENE 1.—(Prescribed, except in Group A) Fresh. I. Mo. We. Fr. at 9.

PHYSIOLOGY AND HYGIENE 2.—(Prescribed, except in Group A) Fresh. II. Mo. We. Fr. at 9. Professor PRIEST.

Martin's "The Human Body" (Advanced course) is used as a text-book, and is largely supplemented by lectures and practical work.

GEOLOGY.—I. Tu. Th. Sa. at 9. Professor FORD.

Dynamical, structural, and historical geology are studied in the order named. A short time is also devoted to the principles of economic geology. The geological formations of the region are of unusual interest; out-door work is done while the season permits; and the excellent collections, belonging to the University, of fossils, minerals, and specimens illustrating the various rock formations, add greatly to the effectiveness of the department.

MINERALOGY.—II. Mo. We. from 10 to 12 and Fr. at 10. Professor PRIEST.

The instruction consists, partly in the study of a text-book, with recitations, and partly in practical work with minerals. Models of crystals and the excellent mineralogical collection founded by the late Professor J. H. Chapin are used for illustration. Special attention is given to the more common ores and useful minerals, in which the region is rich. About one-half the time is devoted to blow-pipe analysis.

POLITICAL SCIENCE AND HISTORY.

Professor A. G. GAINES and Professor FOSTER.

In the work in History, stress is laid upon institutions, cause and effect, and the interdependence of nations and of ideas. The required work concerns itself with general history, while in the elective courses definite periods are made the subject of consideration. In all courses emphasis is laid upon individual work and the methods used are in accordance with this idea.

HISTORY I.—(Prescribed) Fresh. I. Mo. We. Fr. at 2. Professor FOSTER.

Ancient History.

The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome. Written reports upon special assigned topics are required of each member of the class.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 2. Professor FOSTER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

HISTORY 3.—Soph. I. Mo. We. Fr. at 3. Professor FOSTER.

Rise and Development of Teutonic Institutions.

This course is designed as a preparation for the study of English History, hence especial emphasis is given to its bearing upon that subject and incidentally upon American History. Written reports upon special topics are required of each student.

HISTORY 4.—Soph. II. Mo. We. Fr. at 3. Professor FOSTER.

English History.

This course covers the political and constitutional history of England down to recent times. The main movements of continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. Written reports upon special topics are required.

HISTORY 5.—I. Mo. We. Fr. at 8. Professor FOSTER.

American History down to 1829.

Frequent oral reports are required upon special topics.

HISTORY 6.—II. Mo. We. Fr. at 8. Professor FOSTER.

American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories, constitute the basis of the work. Much individual research embodied in oral reports is required.

HISTORY 7.—I. Tu. Th. Sa. at 8. Professor FOSTER.

Modern History of Europe.

As a preface to this course an outline is given of the Rise of French Absolutism, culminating in the period of Louis XIV. The main move-

ments in European life during the last century are then given, especially the Napoleonic Wars and the resulting reconstruction of Europe. A thesis is required in addition to frequent reports.

HISTORY 8.—II. Tu. Th. Sa. at 8. Professor FOSTER.

International Law and Diplomacy; Historical Research and Criticism.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given to enable the student to appreciate and understand the current discussion of questions along these lines. Following the work in International Law a series of lectures is given on methods of Historical Research and Criticism, especially designed for those who contemplate teaching history. Among other things a critical list of sources and authorities is given.

ECONOMICS 1 and 2.—(Prescribed) Sen. I and II. Mo. We. Fr. at 9.
Professor A. G. GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures. Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

SOCIOLOGY.—(Elective, three hours) Sen. II. (Hours to be arranged).
Professor FISHER.

Students who are especially interested in social science, and who are already well grounded in the principles of political economy, may, upon application approved by the instructor, be admitted to Professor Fisher's course in sociology.

PHILOSOPHY.

Professor A. G. GAINES.

PSYCHOLOGY—(Prescribed) Jun. I. Mo. We. Fr. at 11.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

LOGIC—(Prescribed) Jun. II. Mo. We. Fr. at 11.

This course aims to present the essential principles of reasoning, deductive and inductive, with its conditions and legitimate procedure. The purpose is to study the subject rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon, with critical discussion of each topic treated, and by occasional lectures. The topics thus treated embrace in deduction, terms, their kinds and their defects; propositions, their kinds, critical interpretation and transformations; and fallacies, their kinds and their analysis and detection: in induction, a critical study of the grounds of validity in inductive reasoning; then observation, experience and hypothesis are carefully studied; followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. I. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

GENERAL INFORMATION.

SITUATION.

The University is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the institution, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Tuesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Friday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow

in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time. Each student is expected to attend regularly the Sunday services of the church of his choice. Devotional exercises are conducted four times a week in the University Chapel, and all students are required to attend.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given at the same time and also at the time for holding the examinations for entrance, but at no other time. Students desiring to avail themselves of such examinations must make application at least three days before the appointed time. No student is allowed to pursue courses more than one year in advance of any subject in which he is in arrears.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly eleven thousand volumes and several thousand pamphlets, comprising all classes of subjects and including many rare and valuable books. The library is open during the afternoon, Mondays, Tuesdays, Thursdays, and Fridays, throughout the College year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information application should be made to the Librarian (see page 7). The library is contained in Herring Library Hall, a substantial fire-proof building with a capacity of 60,000 volumes, erected by the late Silas C. Herring, of New York City. Donations of books and money will be gratefully acknowledged.

SPECIAL LIBRARIES.

Two rooms in College Hall are devoted to the use of the library of the classical department, which contains about one thousand volumes, comprising editions of Greek and Latin authors, and general works of reference required by classical students.

A special library is also furnished for the use of students in the literature courses (see page 35). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 39). On the third floor is the biological laboratory. There is a valuable collection of rocks and fossils, illustrating the various geological formations. In addition to the general collection of minerals, the College owns the Chapin-Andrews Collection of Minerals. This collection is a valuable and unique one, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

The Gymnasium, erected in 1896, is a handsome and commodious building, eighty-two by forty feet, situated south of College Hall, and comprises a large gymnasium hall above, and ample dressing-rooms below, fitted with individual lockers. Pulley-weights, Indian clubs, dumb-bells, wands, rings, and horizontal and parallel bars, are the principal forms of apparatus used. A thorough physical examination of each student is made by the medical examiner, according to whose advice the gymnasium work is adapted to each case. All who pass a satisfactory examination are required to take systematic exercise three hours each week under the instruction of the director of the gymnasium. The objects of the course are to maintain health and strength and to secure perfect physical development. Separate gymnasium classes are formed for the young women of the College and the exercises are specially adapted to their strength and needs.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President. A fee of \$4 per year is charged for the use of the Gymnasium.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.00 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills are made out by the Treasurer; each bill contains one-half the annual charges. The first bill is due and payable on the first day of the College year; the second bill is payable on the opening day of the second term.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders:

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D.D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The MOSES HENRY HARRIS scholarship, founded in 1889 by the First Universalist Church of Worcester, Mass., in honor of Rev. Moses Henry Harris, D. D.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., formerly Treasurer of the University.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000, the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

Five BORDWELL scholarships, founded in 1899 from a bequest of Mrs. Diadema Bordwell, of Watertown, to be awarded by preference to applicants from Jefferson county.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications should be made, has sole power to nominate candidates for these scholarships. The Board is restricted, however, to the nomination of such as are actually members of the said institution, and shall certify that in their opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said

scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the President.

FINAL HONORS.

Honors are conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments are printed in honor lists on the Commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, AND PHILOSOPHY.

Candidacy for Honors is determined on the basis of grades, and the unit of reckoning is the term-hour, i. e., work involving one hour per week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, are eligible for Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department are eligible for Honors in that department. Every candidate for honors is required to pass with distinction a special honor examination in the work of the department in which he is a candidate for honors and also to pass with credit a thorough examination on a special topic connected with the line of study in which he is a candidate for honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. The performance of such work must extend over at least one term under the guidance and supervision of the head of the department, and the results attained must give evidence of careful and critical study. Candidates for honors must indicate the departments in which they seek honors prior to March 1st of their Senior year; but it is desirable that honor work be begun much earlier in the year. Honor examinations are held during

the last week in May, and all other honor work must be completed before that time. Final honors are awarded by the Faculty at discretion upon evidence of superior qualifications demonstrated in the manner stated.

Recipients of Honors or Highest Honors who attain an average grade of at least 80 in all departments, will receive a degree with distinction under the following conditions. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. In rare cases students who attain this distinction and who show in their work an unusual degree of aptitude, thoroughness and originality, may be graduated *summa cum laude*, at the discretion of the Faculty.

DEGREES.

The requirement for graduation is the completion of a four years' college course, with a satisfactory grade in all the prescribed studies and in the required number of term-hours of elective work, and the presentation of a thesis.

The degree of Bachelor of Arts will be conferred upon any candidate who, having satisfied the requirements for admission, has completed Group A, Group B or Group C. (See pages 19, 20, 21).

The degree of Bachelor of Science will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 22).

The degree of Bachelor of Philosophy will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 23). The degree of Bachelor of Philosophy will not, however, be open to students entering College hereafter.

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

Any *three* of the following courses may be chosen. An original thesis in Latin on some topic in connection with the line of study chosen is required.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.

2. Tacitus, Annals, Bks. I-VI (Furneaux's edition); Selections from Suetonius; Merivale's History of the Romans under the Empire, with careful study of the character of Tiberius and the political institutions of the Early Empire.

3. One hundred and fifty pages of Cicero's philosophical works; Mayor's History of Ancient Philosophy; Zeller's Stoics, Epicureans and Sceptics.

4. The Captivi and Trinummus of Plautus, and the Phormio and Heautontimoroumenos of Terence; Platner's Greek and Roman Versification, with careful study of the metres of the plays read.

5. Egbert's Introduction to the Study of Latin Inscriptions.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The Iliad and the Odyssey entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.

2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's Rhythmic and Metric, and Haigh's Attic Theatre.

3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.

4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.

5. An equivalent amount from the Attic Orators, with the history of the period involved.

6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's Short History of the English People; Taine's History of English Literature; Arnold's Manual of English Literature; Hunt's or Minto's English Prose; Stedman's The Nature of Poetry, Victorian Poets, and Poets of America; Lanier's Science of English Verse; and a critical reading of the following: Ward's English Poets entire, or a total of about 3,000 pages (at least 30 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspeare; Bacon's Essays, and an equal amount (i. e., about 200 pages each—a page to contain at least 300 words) from the works of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's System of Logic; Hamilton's or Bowen's Logic; Fowler's Inductive Logic; Ueberweg's History of Philosophy; Hamilton's Metaphysics; Bowen's Modern Philosophy. Plato's Dialogues (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's Introduction to Ethics; Sidgwick's Methods of Ethics.

POLITICAL SCIENCE.

Smith's Wealth of Nations; Mill's Political Economy; F. A. Walker's The Wages Question; Bowen's or Cary's Political Economy; Roscher-Lalor's Political Economy; Cossa's or Blanqui's History of Political Economy.

Amos's Science of Law; Woolsey's Political Science; Lieber's Political Ethics.

This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Deschanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoe's and Schorlemmer's Treatise on Inorganic Chemistry; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's Text-Book; Brooks's Hand-Book of Invertebrate Zoology; Parker's Zootomy; Works of Darwin and Spencer.

2. Botany: Sachs's Text-Book; Goodale's Physiological Botany; Arthur, Barnes, and Coulter's Plant Dissection; Gray's Manual.

3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediæval History.

Emerton's Introduction to the Study of the Middle Ages and Emerton's Mediæval Europe (these as a ground-work of study); Bryce's Holy Roman Empire; G. W. Cox's Crusades (Epoch Series); Oman's Europe 476-918; Kitchin's History of France, Vol. I, in topical study; Milman's Latin Christianity, Vols. III to VII, inclusive, as to Papacy; Giesebrecht's Die Deutsche Kaiserzeit, for topics concerning the Empire to death of Barbarossa (5 vols.); Waitz's Deutsche Verfassungsgeschichte, Vols. V to VIII inclusive, or Rambaud's Histoire de la Civilisation Française, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's Larger History as a preliminary; Freeman's Norman Conquest; Gairdner's Houses of Lancaster and York, Creighton's Age of Elizabeth, Gardiner's Puritan Revolution, and McCarthy's Epoch of Reform, all from the "Epoch Series". For topical reading; as to development of institutions, Stubbs's Constitutional History, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Froude, Stanhope, and others.

3. Modern European History.

Ranke's History of Germany in the Period of the Reformation, and History of France in the Sixteenth and Seventeenth Centuries; Fyffe's History of Modern Europe; Morse Stephens' Europe from 1789 to 1815; from the "Epoch Series", Seebohm's Era of the Protestant Revolution, Creighton's Age of Elizabeth, Gardiner's Thirty Years' War, Morris' Age of Anne, and Longman's Frederick the Great and the Seven Years' War. For special topics, other reading offered to suit the individual case. Ability to use French and German books is necessary.

4. American History.

Lodge's History of English Colonies in America, Frothingham's Rise of the Republic, and Epochs of American History (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's Washington, Morse's Jefferson; Schurz's Clay, Von Holst's Calhoun, Sumner's Jackson, and Morse's Lincoln; Rhodes' History of the United States from the Compromise of 1850, Vols. I and II. As to special topics, Bancroft's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's Histories as required.

Only those who are graduates of this College are admitted as candidates for the Master's degree.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

THE THEOLOGICAL SCHOOL

THE CANTON THEOLOGICAL SCHOOL.

The Seminary, now in its forty-second year, was formally opened in April, 1858. The late Ebenezer Fisher, D.D., was President from the opening until his death in 1879. He was succeeded by Rev. I. M. Atwood, D. D., who remained in office until his retirement during the present year to accept the position of General Superintendent of the Universalist Church. In the interval of forty-two years over 370 students have been received and over 330 have been sent out into the Ministry of the Universalist Church. The Seminary has been open from the beginning to men and women on the same terms and twenty-eight women have been enrolled in its classes.

The Seminary was founded by the Universalist Church for the education of its ministry. This fact is never lost sight of. The aim is to send out into the ministry of the Church persons not only qualified to teach and to preach, but alive with interest in the great and advancing principles of Universalism, and loyally devoted to the welfare of the organization to which the maintenance of these principles is committed.

The Canton Theological School is an independent department of the St. Lawrence University, occupying in common with the College of Letters and Science the grounds, Library and Gymnasium, but having its own building and its separate faculty, funds and government. Students in the Theological School are eligible to instruction in the College classes, as are also College students to the classes of the Theological School.

FACULTY OF THE THEOLOGICAL SCHOOL.

REV. ALMON GUNNISON, D.D.,

President, and Dockstader Professor of Theology and Ethics.

REV. JOHN STEBBINS LEE, D.D.

A. C. Moore Professor of Ecclesiastical History and Archæology.

REV. HENRY PRENTISS FORBES, D.D.,

Dean and Craig Professor of Biblical Languages and Literature.

REV. LEWIS BEALS FISHER,

Ryder Professor of Pastoral Theology and Sociology.

REV. ORELLO CONE, D.D.,

Richardson Professor of Biblical Theology.

REV. I. M. ATWOOD, D.D.,

Non Resident Lecturer on Pastoral Relations for 1900.

REV. A. B. HERVEY, PH.D.,

Non Resident Lecturer on Preaching for 1900.

STUDENTS.

GRADUATES, JUNE, 1899.

Franklin Elihu Adams, B. D.,	Rochester, Vt.
Anna Belle Aldrich, B. D.,	East Montpelier, Vt.
Ralph Edwin Horn,	Corfu
George Cross Baner,	Geneva
Flora Bronis,	Bliss
Harry Westbrook Reed,	Clifton Springs

GRADUATE STUDENTS.

CANDIDATES FOR DEGREE OF B. D.

NON-RESIDENT.

Rev. Clara Elizabeth Morgan,	Nunda
Rev. George Cross Baner,	Geneva
Rev. Robert Bennie Wetmore,	Newport

RESIDENT.

Flora Bronis,	Bliss
Rev. Harry Westbrook Reed,	Clifton Springs

SENIOR CLASS.

Ina May Bridgeman,	Hardwick, Vt.
Benjamin Franklin Butler,	Potsdam
Ida Estelle Estes,	Hardwick, Vt.
Lewis Henry Robinson,	Nicholville
Edward Butler Saunders,	Chicago, Ills.

MIDDLE CLASS.

Orrin Edson Crooker,	Ann Arbor, Mich.
Rufus Hopkins Dix,	Ashland, Mass.
Don Marshall Flower,	Hartland, Vt.
John Smith Lowe,	Dexter
Herbert Lester Rickard,	Fort Plain

JUNIOR CLASS.

Norris Cupper Dickey,	Philadelphia, Pa
Thomas Jefferson Farmer, Jr.,	Fort Plain
Bernard Clinton Ruggles,	Santa Paula, Cal.
Robert DeEsteen VanTassel,	Edwardsville

DEPARTMENTS OF STUDY.

The principle of equivalence now advocated and very generally adopted in colleges has an important bearing on the rank and value of courses of study in the technical schools. That principle is, that a course of instruction is to be estimated, not by the fidelity with which it follows the traditional lists of topics, but by the *equivalent value* of the studies pursued as means of intellectual development and discipline and as sources of knowledge. On that principle, logically applied, it may well be considered whether the regular and full course of study required in the Seminary does not entitle its graduates to the degrees, or to equivalent degrees, earned by graduates of colleges.

While nearly everything that concerns an education is taught in the Seminary, from English Orthography to Hebrew Syntax, there are nine principal Departments of study: Ethics, History, Sociology, Criticism and Interpretation, Comparative Religions, Theology, Church Administration, Homiletics, and Apologetics.

I. ETHICS.

The aim in this study is to master the true theory of the moral powers and the principles and limitations of their action. To this end the subject is first taken up as a science, and afterwards considered in its application to practical life.

II. HISTORY.

General History is pursued until the student acquires a knowledge of its relations to Church History, to ancient Sacred History, to the History of Dogma and of the modern sects. To this study succeeds as much special work in the departments related to religion as time can be found for.

III. THEOLOGY.

Old and New Testament Theology, Dogmatic Theology, Denominational Theology, and Systematic Theology receive each in turn the attention of the student. The purpose is not so much to ground him in a special belief as to give him the knowledge which should underlie rational faith.

IV. COMPARATIVE RELIGIONS.

Much attention has always been given in this School to the subject of Comparative Religions. Great progress has been made in recent years both in the knowledge of the religions with which Christianity must be

compared and in the production of facilities for the study. This Seminary avails itself of the latest and best helps in this Department.

V. HOMILETICS.

The science and art of preaching are taught here theoretically and practically. It is believed that in no similar institution does the student obtain more intelligent guidance or acquire more practice in the business of making and delivering sermons. Beginning with the second year the composition and delivery of sermons, with criticism, continues through the course.

VI. APOLOGETICS.

The new method of dealing with the subject of the Evidences which has come into so great favor in Germany, Scotland and England, and of which the works of Kaftan, Bruce and Macgregor are so persuasive examples, has been adopted in this Seminary. At the same time the external historical evidences, direct and indirect, are not neglected.

VII. CHURCH ADMINISTRATION.

Pastoral Theology is the name given to one chair in the Canton School; but the large subject of the care and administration of churches; including the questions of revenue, church extension, the institutional church, denominationalism, pastoral duties and relations, with many more subjects of moment to the great business of religion, is given close and continuous attention.

VIII. PSYCHOLOGY.

The "Old" and the "New" Psychology are expounded to the student, but neither is taught as authoritative and final. A substance of teaching which may be said to be derived in part from each, and to differ in important respects from both, finds favor with teacher and pupils.

IX. INTERPRETATION AND CRITICISM.

The Sacred Scriptures of the Old and New Testaments are given continuous attention. While nothing belonging to present knowledge of the Scriptures is overlooked, and the point of view is that of scientific interpretation as distinguished from literalism and dogmatism, a spirit of reverence and well-grounded faith presides over the various critical and interesting inquiries that arise in this study.

INSTRUCTION IN GERMAN.

Dr. Forbes, an interested student of German Theology, has classes in German throughout the course. An unusually favorable opportunity is thus offered to students to take up the study of German and to become acquainted with "German Theology" by access to its original sources.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM—

Rhetoric—Genung's Manual; Prof. A. S. Hill's Foundations of Rhetoric; Exercises. Prof. CONE.

Logic—Jevon's Lessons, with Lectures. Prof. FORBES.

Greek—Harper's N. T. Method. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Biblical Geography and Antiquities—Hurlbut's Manual, Lectures on Biblical Archaeology. Prof. LEE.

Principles of Evolution—Evolution and Religious Thought. Prof. FISHER.

SECOND TERM—

Rhetoric—Genung's Manual; The Art of Discourse; Themes. Prof. CONE.

Ethics—Muirhead's Elements of Ethics; Hyde's Practical Ethics; Martineau's Types of Ethical Theory; Lectures. Prof. FORBES.

Archæology—Lectures. Prof. LEE.

Ecclesiastical History—Fisher, with Schaff as reference. Prof. FORBES.

Greek—Gospel of John; New Testament Text, and Manuscripts. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Evolution—Fiske's Principles of Evolution. Prof. FISHER.

SECOND YEAR.

FIRST TERM—

Sacred Rhetoric—Homiletics; Phelps's Theory of Preaching; Pattison's Making of the Sermon. Drill in planning sermons. Prof. FISHER.

Ecclesiastical History—Fisher's Reformation. Prof. FORBES.

Greek Testament—Selections from the Gospels, with Harper's Grammar. Prof. CONE.

Pastoral Theology—Lectures on the Care and Administration of the Church. Prof. FISHER.

Hebrew—Gesenius's Grammar and Exercises; Selections from the Historical Books. Prof. FORBES.

SECOND TERM—

Psychology—Dewey's Third Edition—Baldwin—Sully—Lectures. Prof. CONE.

Homiletics—Studies of History of English and American Pulpits; Analysis of Sermons of Eminent Preachers. Prof. FISHER.

History of Doctrines—Lectures on the History of Retribution, with Ballou's Ancient History of Universalism and Beecher's History of Retribution. Prof. LEE.

Universalism—Lectures on Modern History. Pres. GUNNISON.

Exegesis—Critical Study of the Greek of the New Testament and Interpretation. Prof. CONE.

Greek—Pauline Epistles. Hermeneutics—Immer. Prof. Cone.

Hebrew—Selections from the Old Testament. Prof. FORBES.

THIRD YEAR.

FIRST TERM—

Homiletics—Study and Criticism of Sermons. Prof. FISHER.

Theology—The Latest Word of Universalism, with Lectures. Prof.

FORBES

Apologetics—Bruce; Martineau's Study of Religion. Prof. FORBES.

Comparative Religion—Menzies' History of Religions—Toy—with Lectures. Prof. FISHER.

Greek Testament—Critical Readings and Exposition. Prof. CONE.

Old Testament—Origin of Books, History of Canon, Prophecy; Driver's Introduction to the O. T. Prof. CONE.

SECOND TERM—

Universalist Church—Policy; Methods; Manual. Pres. GUNNISON.

Emotional Religion and the Inner Life—Lectures on The Doctrine of Prayer. Prof. LEE.

Evidences—Bruce's Apologetics; Martineau's Study of Religion. Prof. FORBES.

New Testament—McGiffert's Apostolic Age; Cone's Gospel Criticism; History of Text; of Canon. Prof. CONE.

Hebrew—Readings from the Psalms and the Prophets. Prof. FORBES.

Sociology—Social Economics and Social Problems; Economics and Applied Christianity—Giddings, Small, Vincent. Prof. FISHER.

FOURTH YEAR

Theology—Fairbairn's—The Place of Christ in Modern Theology. Prof. FORBES.

Natural Theology—Valentine. Bascom. Prof. FORBES.

Hebrew—Critical Study of the Hexateuch. Prof. FORBES.

Exegesis—Critical Reading of the New Testament. Prof. CONE.

Theology of the New Testament—Cone's The Gospel and its Earliest Interpretations; Reuss, or Weiss, with Lectures. Prof. CONE.

Life of Christ—Geikie—Edersheim. Prof. LEE.

Theological Encyclopædia. Prof. FORBES.

Preaching—Composition and Criticism of Sermons. Prof. FISHER.

Ecclesiastical History—Uhlhorn's Christianity and Paganism. Continuity of Christian Thought. Prof. LEE.

Comparative Religion—Tiele's Elements of the Science of Religion. Prof. FISHER.

Sociology—Lectures; Outlines; Ward; Fairbanks; Nash. Prof. FISHER.

Theology—Systematic or Historical Theology in the German Originals. Prof. FORBES.

Theology—History of N. T. Times, and Study of O. T. Apocrypha. Prof. FORBES.

INFORMATION.

TERMS AND VACATIONS.

The School Year begins the third Wednesday in September—next year September 20. The winter recess of 1900 begins on January 27, and ends February 24, 9 a. m. Commencement is the last Tuesday in June—this year June 28.

CONDITIONS OF ADMISSION.

The students particularly desired are those who give promise of usefulness in the ministry of the Universalist Church. The best preliminary preparation is a classical course in college. Students whose opportunities have not admitted of such preparation are received if they possess a High School or equivalent education in English. Sound moral principle and approved Christian standing are indispensable.

Applicants for admission must bring satisfactory testimonials as to their moral and religious character; if they are members of any church—which it is very desirable they should be—they should bring certificates to that effect.

EXPENSES.

No charge is made for tuition, or for the use of the library.

A society known as the *H I I A* has instituted a club house in which board costs about \$3 a week.

Board may also be obtained in private families at \$3.50.

The necessary expenditure for each student is, at the maximum, about \$180 a year, of which \$122.50 is for board.

The General Convention grants aid by means of scholarships to students desiring to avail themselves of them; when recommended by the Faculty. They can add to their resources by preaching during vacations, or at other times, when deemed advisable by the Faculty.

LIBRARIES.

The Herring Library was founded by the munificence of the late Silas C. Herring, of New York. It contains a valuable and well selected collection of about 9,000 volumes. Among its contents are the libraries of the late

Rev. Samuel C. Loveland and of the late Prof. Dr. K. A. Credner, of the University of Giessen. The latter is especially rich in the departments of Biblical Criticism and Ecclesiastical History, and contains a large amount of rare and valuable literature of the early decades of the sixteenth century; works of Zwingli, Luther, Erasmus, Melancthon, Reuchlin, Bugenhagen, and other noted writers of the era of the German Reformation. Many of these books are exquisitely bound.

The library is being enlarged gradually by means of a fund donated for the purpose, and by contributions from friends. It is hoped that the present collection may be only a nucleus or large accessions in the future.

Valuable private libraries are also accessible to students of the school.

THE REFERENCE LIBRARY.

The utility of a collection of books, under the same roof with the class-rooms, for consultation in daily work, had so often impressed itself upon the Professors that the President in 1892 laid the foundation for a Reference Library by the purchase of about 100 volumes. This collection has been increased gradually by gift and purchase; and now by the generosity of a friend of the School, Mr. Lyman Bickford, of Macedon, N. Y., a fund of \$1,000 has been secured, from the income of which substantial and valuable additions are made from time to time.

FISHER MEMORIAL HALL.

The Theological School owns and occupies Fisher Memorial Hall, which was erected for its special and exclusive use in 1883. The building contains, besides class-rooms, office and Reading Room, a large and beautiful Chapel, designed as a memorial of the first President, the late Ebenezer Fisher, D. D., which is now used for religious purposes by both departments of the University.

READING ROOM.

The Theological School has established a Reading Room in its own building. An annual fee of \$1 from each student is required by the Board of Trustees, for its support, and as the condition of enjoying all its privileges. In addition to various secular publications, the Reading Room keeps on file the following denominational and religious publications:

The Universalist-Leader, Independent, Universalist Herald, Christian Register, Outlook, Advance, Sunday School Helper, Homiletic Review, Literary Digest, Christian Literature, The Sunday School Times, The New World.

DIPLOMAS AND DEGREES.

The regular course of instruction extends through three years. Those only will be considered graduates of the School and entitled to its diploma, who shall have completed the three years' course of study herein laid down. Those who desire, may pursue a partial course, and will be entitled to a certificate stating the extent of the same; but the completion of the full course is desired by the Faculty, and will, so far as possible, be secured.

A Post Graduate Course has been established, to be completed by graduates in one year. The degree of *Bachelor of Divinity* is conferred on those completing this course. The Faculty offer in the Fourth Year work twelve elective courses, six of which must be chosen and completed by the candidate, who may reside elsewhere during his studies, but must return to the University for final examinations. Students of the Middle and Senior classes may prosecute the studies of the Fourth Year, but only on condition that they shall have attained in the regular work of the preceding year an average grade of eighty per cent.

SCHOLARSHIPS AND FUNDS.

In addition to the Scholarships given by the General Convention to Theological Students, on terms and conditions prescribed by the Board, the Seminary holds "The Lester Taylor Fund" and "The Sarah A. Gage Fund," the income of which it is authorized to use for "the support and education" of students for the Universalist Ministry attending this School and complying with the conditions of the benefaction.

GENERAL EXERCISES.

After the study of Homiletics is commenced in the second year, sermons are preached and criticised on Thursday of each week during the remainder of the course.

A critical and exegetical study of the Greek Testament is pursued during the Second and Third years, under the direction of the Professor of Biblical Languages.

Conference meetings, conducted in succession by the Professors and by the Students of the different classes, are held every Wednesday evening in the Chapel.

Examinations, either oral or written, are a regular order at the close of each term.

MISCELLANEOUS.

As a general answer to many inquiries it may be stated here that, (1) The Canton Theological School is located at the county seat of St. Lawrence county, in Northern New York, on the Rome, Watertown & Ogdensburg R. R.; (2) That the University buildings are within the corporation, near the railway station, and conveniently situated for those who desire to board in the village; (3) That one of the oldest and best Universalist parishes in the State is here, while the Universalist element is strong in the whole region; (4) That the opportunities for undistracted study are equal to the best; and that in the item of expense, a student could scarcely expect to be more favorably conditioned. It may be further stated that Canton has the reputation of being one of the healthiest places in the country—a reputation which it has amply sustained in the experience of over thirty classes of students. The latest report of the Bureau of Vital Statistics places Canton next to the most healthful locality in the State.

Theological Students are eligible to the privilege of instruction in any of the regular classes or courses in the College. But they are required to obtain permission from the Faculty to enter on any such study, and are not allowed to pursue it to such extent as will interfere with work in their own department.

GENERAL SUMMARY.

Trustees,	25
PROFESSORS.	
College of Letters and Science,	12
Theological School,	5
Lecturers and other officers,	9
STUDENTS.	
College of Letters and Science,—	
Graduate Students,	12
Senior Class,	17
Junior Class,	28
Sophomore Class,	19
Freshman Class,	31
Special Students,	3—110
Theological School,—	
Graduate Students,	
Non-Resident,	3
Resident,	2
Senior Class,	5
Middle Class,	5
Junior Class,	4— 19
	129
Names entered twice,	2
Total,	127

ACKNOWLEDGMENTS.

The University hereby makes grateful acknowledgment of the receipt of the following gifts. Pledges made during the past year, to be paid hereafter, will be duly acknowledged in the next issue of the Catalogue:

For the College of Letters and Science: Bequest of Mrs. Diadema Bordwell, \$5,000, to found five Bordwell Scholarships.

For the Woman's Professorship: From the children of Mrs. Harriet Lewis, \$10,000; Dr. A. B. Cole, \$25; Dr. W. H. Nickelson, \$25; Mrs. Emily L. Hepburn, \$51; Mrs. J. H. Swan, \$100; Mrs. Martha Sheldon Martin, \$25; Miss Sarah E. Sprague and Mrs. Florence Lee Whitman, Committee on Subscriptions, \$405.21.

For General Endowment: From Mr. Ogden H. Mills, \$100; Mr. George F. Baker, \$100.

For the Classical Department: From Mr. Anson R. Flower, \$300; Mr. George R. Malby, \$25.

For the Theological School: From Mrs. Mary A. Richardson, to endow the Richardson Professorship of Biblical Theology, \$24,000; bequest of Mrs. Mary A. Pratt, \$500.

For Herring Library: Gifts of books from Dr. F. S. Lee, Mr. N. L. Robinson, Mrs. I. M. Atwood, and Mrs. L. C. Brown.

For the Improvement of the Campus: From Mrs. John Clarence Lee, \$74; Mrs. L. P. Hale, \$25.

FORMS OF BEQUESTS.

I. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the COLLEGE OF LETTERS AND SCIENCE of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said COLLEGE OF LETTERS AND SCIENCE.

II. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the LIBRARY of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be used for the maintenance and increase of said LIBRARY.

III. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars for the use of the THEOLOGICAL SCHOOL of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be used or expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said THEOLOGICAL SCHOOL.

IV. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of One Thousand Dollars, for the foundation of a perpetual Scholarship in said University, to be called the SCHOLARSHIP, on condition that the same shall be securely invested, and the principal never expended, and that the net income therefrom shall be devoted to the payment of the term-bills of the incumbent of said Scholarship.

V. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of Thirty Thousand Dollars, for the endowment of a Professorship in said University, to be called the PROFESSORSHIP, on condition that said money shall be securely invested, and that the principal shall never be used or diminished, and that the net income therefrom shall be devoted to the payment of the salary of the incumbent of said Professorship.

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C A T A L O G U E

OF

THE ST. LAWRENCE UNIVERSITY

CANTON, NEW YORK



1900-1901

CANTON, NEW YORK

PUBLISHED BY THE UNIVERSITY

1900

PLAINDEALER PRESSES, CANTON, N. Y.

GENERAL CALENDAR.

1900.

- Sept. 14, Friday, Second Entrance Examinations—College.
 Sept. 17, Monday, Matriculation of Freshmen—College.
 Sept. 18, Tuesday, First Term began—College.
 Sept. 26, Wednesday, First Term began—Theological School.
 Nov. 28, Wednesday, Thanksgiving Recess began.
 Dec. 3, Monday, Work resumed.
 Dec. 21, Friday, Christmas Recess began.

1901.

- Jan. 7, Monday, Christmas Recess ends.
 Feb. 9, Saturday, First Term closes.
 Feb. 11, Monday, Second Term begins.
 Apr. 3, Wednesday, Easter Recess begins.
 Apr. 9, Tuesday, Easter Recess ends.
 Apr. 26, Friday, Tree Holiday.
 May 31, Friday, Field Day.
 June 1, Saturday, Senior Vacation begins—College.
 June 20, Thursday, 9 a. m., First Entrance Examinations—College.
 June 21, Friday, 9 a. m., Entrance Examinations continued—College.
 June 23, Sunday, Baccalaureate Sermons.
 June 24, Monday, 10 a. m., Annual Meeting of Alumni Association.
 June 24, Monday, 4 p. m., Annual Meeting of Phi Beta Kappa.
 June 25, Tuesday, 9 a. m., Forty-First Commencement—Theological.
 June 25, Tuesday, 2 p. m., Annual Meeting of Board of Trustees.
 June 26, Wednesday, 9 a. m., Thirty-Seventh Commencement—College.
 June 26, Wednesday, 2 p. m., Commencement Dinner.
 June 26, Wednesday, 8 p. m., Reception—Alumni Association.

Summer Vacation, twelve weeks.

- Sept. 13, Friday, 9 a. m., Second Entrance Examinations—College.
 Sept. 14, Saturday, 9 a. m., Entrance Examinations continued—College.
 Sept. 17, Tuesday, 9 a. m., Matriculation of Freshmen—College.
 Sept. 18, Wednesday, First Term begins.

St. Lawrence University.

1902
 Cancel.

ORGANIZATION.

THE ST. LAWRENCE UNIVERSITY was chartered by the Legislature, April 3, 1856, for the purpose, as stated in the act of incorporation, "of establishing, maintaining, and conducting a college in the town of Canton, St. Lawrence county, for the promotion of general education, and to cultivate and advance literature, science, and the arts; and to maintain a theological school at Canton, aforesaid." As at present organized, the University embraces the following departments:

THE COLLEGE OF LETTERS AND SCIENCE,

THE THEOLOGICAL SCHOOL.

The two departments are independent of each other in their faculties and funds, and in the instruction and government of their students. The library is under the joint control of the departments. The by-laws of the corporation provide "that the College of Letters and Science is and shall remain an unsectarian foundation * * * and that the Theological School is and shall remain an institution especially intended and organized for the preparation and training of persons for the ministry of the Universalist church."

The Theological School was opened by Ebenezer Fisher, D.D., of revered memory, in April, 1858. The first class was graduated in 1861.

In April, 1859, an academic department, which developed into the College of Letters and Science, was opened by John Stebbins Lee, D.D.

In 1864, the preparatory school was discontinued. The first class was graduated from the College in 1865.

From 1869 to 1872 a Law School was conducted under the charge of Leslie Wead Russell, LL.D., now Justice of the Supreme Court.

In 1857 the Legislature granted to the University \$25,000, of which \$10,000 were to be expended for "books and apparatus," and \$15,000 were to be kept as a permanent fund. The remaining property of the University, now amounting to upwards of \$550,000, of which over \$400,000 are endowment funds, has been the result of private benefactions.

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WILLIAM NEWTON LOGAN, PH.D.,
Instructor in Geology and Mineralogy on the Chapin foundation.

GEORGE LINCOLN KIMBALL, B.A.,
Instructor in Physical Culture, and Director of the Gymnasium.

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Librarian.

ROBERT DALE FORD, M.S.,
Assistant Librarian.

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TRACY PALMER SOUTHWORTH,
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FACULTY OF LETTERS AND SCIENCE.

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Recorder, and Professor of the Latin Language and Literature.

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Secretary, and Cummings Professor of Mathematics.

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Professor of History.

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Professor of Greek and English.

WILLIAM NEWTON LOGAN, PH.D.,

Instructor in Geology and Mineralogy on the Chapin foundation.

GEORGE LINCOLN KIMBALL, B.A.,

Instructor in Physical Culture, and Director of the Gymnasium.

DEGREES CONFERRED JUNE 27, 1900.

IN COURSE.

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Leland Judson Farmer,	Edson Russell Miles,
Grace Frances Finnigan,	Kate Florence Perkins,
Leon Roy Smith.	

BACHELOR OF PHILOSOPHY.

Margaret Rebecca Austin,	Alice Amanda Mills.
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BACHELOR OF SCIENCE.

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Clarence Emery Hemenway,	Fred W Storrs.

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 Hendrick Ware Barnum, B. A. 1899, (Harvard) 1900,
 Harry Wood Forbes, B. A. 1898, (Harvard) 1899,
 Antoinette Josephine Foster, B. A. 1896,
 Jessie Dell Stearns, B. A. 1897.

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DOCTOR OF DIVINITY.

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George Fay Wilder, B. A. 1897, <i>Mathematics.</i>	Ogdensburg.

CANDIDATE FOR THE DEGREE OF MASTER OF PHILOSOPHY.

Ernest Robinson, PH. B. 1897, <i>English Literature.</i>	Clayton.
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Marguerite Pauline Liotard, B. S. 1898, <i>French and German.</i>	Brooklyn.
Harriet Elizabeth Robinson, B. S. 1897, <i>Modern European History.</i>	Clayton.
Frank Benton Spaulding, B. S. 1895, <i>Physics.</i>	Brooklyn.

UNDERGRADUATES.

NOTE.—The letter *a* indicates the Course leading to the degree of Bachelor of Arts, *s* the Course leading to the degree of Bachelor of Science.

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Frederic Hugh Emerson, <i>s</i> ,	<i>Crary Mills</i> ,	<i>A T Ω</i> House
Irma Hale, <i>s</i> ,	<i>Canton</i> ,	48 Park St.
Olive Edna Heckles, <i>a</i> ,	<i>Canton</i> ,	<i>Δ Δ Δ</i> House
Dan Sylvester Judd, <i>s</i> ,	<i>Canton</i> ,	Mr. Sylvester Judd's
David Frederic Lane, <i>s</i> ,	<i>Watertown</i> ,	<i>A T Ω</i> Annex
James Franklin Morgan, <i>a</i> ,	<i>Dexter</i> ,	5 Powers St.
Delia Ida Nutting, <i>s</i> ,	<i>Woodville</i> ,	<i>Δ Δ Δ</i> House
Melva Perin, <i>a</i> ,	<i>Roxbury, Mass.</i> ,	<i>K K Γ</i> Lodge
Grace Elizabeth Perkins, <i>a</i> ,	<i>Canton</i> ,	39 Court St.
Alice Poste, <i>a</i> ,	<i>Canton</i> ,	24 State St.
Veva Etheline Potter, <i>s</i> ,	<i>Canton</i> ,	<i>Δ Δ Δ</i> House
Charles Sheard, <i>a</i> ,	<i>Canton</i> ,	State St.
Charles Franklin Sheldon, <i>s</i> ,	<i>Sherman</i> ,	38 Court St.
Esther Spencer, <i>a</i> ,	<i>Watertown</i> ,	<i>Δ Δ Δ</i> House
Stephen Clayton Sumner, <i>a</i> ,	<i>Norwood</i> ,	6 Goodrich St.
Bertha Ellen Wood, <i>s</i> ,	<i>Dexter</i> ,	<i>Δ Δ Δ</i> House

FRESHMAN CLASS.

John Wesley Alverson, <i>a</i> ,	<i>Hermón,</i>	13 Jay St.
Charles Herbert Alexander, <i>s</i> ,	<i>Stamford, Conn.,</i>	<i>A TΩ</i> House
Clara Louise Ayres, <i>a</i> ,	<i>Long Ridge, Conn.,</i>	12 Pine St.
Chester Arthur Baltz, <i>a</i> ,	<i>La Fargeville,</i>	<i>A TΩ</i> House
James Edgar Crossman, <i>s</i> ,	<i>Pierrepont,</i>	14 Court St.
Earl Cummings, <i>a</i> ,	<i>Norwood,</i>	101 Main St.
Luke Herbert Cummings, <i>a</i> ,	<i>Norwood,</i>	101 Main St.
Elizabeth Etta Darling, <i>a</i> ,	<i>Worcester, Mass.,</i>	<i>K K Γ</i> Lodge
Mary Josephine Delaney, <i>a</i> ,	<i>Clayton,</i>	36 Judson St.
Walter Estus Deuel, Jr., <i>s</i> ,	<i>Chittinango,</i>	<i>B Θ Π</i> House
Bridget Anna Dowling, <i>s</i> ,	<i>Bridgewater,</i>	17 Church St.
Edwin DeClifford Duryea, <i>s</i> ,	<i>Brooklyn,</i>	<i>B Θ Π</i> House
Channing Albert Farmer, <i>s</i> ,	<i>Canton,</i>	15 Elm St.
Harlow Grosvenor Farmer, <i>s</i> ,	<i>Watertown,</i>	3 Judson St.
Blaine Gilday, <i>s</i> ,	<i>Morristown,</i>	4 W. Main St.
Myra Adelaide Grant, <i>s</i> ,	<i>Stamford, Conn.,</i>	12 Pine St.
Nathaniel Barzillai Hodskin, <i>s</i> ,	<i>Canton,</i>	13 Elm St.
Amy M Kelly, <i>s</i> ,	<i>Canton,</i>	25 Judson St.
Hazelton May Eastman Kelley, <i>a</i> ,	<i>Gouverneur,</i>	13 Elm St.
Anna Henriette Kenne, <i>a</i> ,	<i>Jersey City, N. J.,</i>	<i>K K Γ</i> Lodge
Mary Bonaventura Kiernan, <i>s</i> ,	<i>Brooklyn,</i>	<i>Δ Δ Δ</i> House
Mary Sylvia Martyn, <i>s</i> ,	<i>Canton,</i>	20 Pine St.
George James McDonald, <i>s</i> ,	<i>Colton,</i>	8 Pine St.
Margaret Ober, <i>a</i> ,	<i>Brooklyn,</i>	23 Park St.
Florence Belle Earle Payne, <i>a</i> ,	<i>Gouverneur,</i>	11 Jay St.
Ethel Leonard Perkins, <i>a</i> ,	<i>Meriden, Conn.,</i>	12 Pine St.
Francis Long Perkins, <i>s</i> ,	<i>High Flats,</i>	8 Pine St.
Louis Heaton Pink, <i>a</i> ,	<i>Brooklyn,</i>	93 Main St.
Frederick Wilber Roblin, <i>a</i> ,	<i>Brookline, Mass.,</i>	<i>A TΩ</i> House
Joseph Henry Rushton, <i>a</i> ,	<i>Canton,</i>	3 Hodskin St.
Pierce Briggs Salls, <i>s</i> ,	<i>Potsdam,</i>	101 Main St.
Clarence Russell Skinner, <i>a</i> ,	<i>Brooklyn,</i>	<i>B Θ Π</i> House
John Henry Smith, <i>s</i> ,	<i>Carthage,</i>	American House
Ruth Caroline Snow, <i>a</i> ,	<i>No. Montpelier, Vt.,</i>	32 Judson St.
Anna Elizabeth Stanton, <i>a</i> ,	<i>Ticonderoga,</i>	4 Pine St.
Lawrence Byron Stevenson, <i>s</i> ,	<i>Canton,</i>	<i>A TΩ</i> House
Mabel Rose Stratton, <i>a</i> ,	<i>Potsdam,</i>	<i>K K Γ</i> Lodge
Susa Thayer, <i>s</i> ,	<i>Sherman,</i>	13 Elm St.
Charles Henry Wagner, <i>s</i> ,	<i>Washington Mills,</i>	113 Main St.
Max Bell Webb, <i>a</i> ,	<i>Massena,</i>	52 Park St.
Jessie Elizabeth Wells, <i>a</i> ,	<i>Canton,</i>	109 Main St.

SPECIAL STUDENTS.

Lena Mildred Gardner, French 3, Germ. 3, Hist. 3, Eng. A.	<i>Canton,</i>	9 University Ave.
Clinton Henry Hoard, French 3, Germ. 3, Geol., Physiol. 1, Chem. 1.	<i>Little Falls,</i>	A TΩ House
Wilhelmina Rebecca Moog, Germ. 1, Hist. 1, Eng. 1.	<i>Baltimore, Md.,</i>	Δ Δ Δ House
Edward Butler Saunders, Eng. 1, Physics 1, Biol. 1.	<i>Chicago, Ill.,</i>	36 Judson St.
Robert De Esteen VanTassel, Eng. A, Hist. 1.	<i>Edwardsville,</i>	14 Court St.

ADMISSION.

Candidates may be admitted to the Freshman class on examination, on the credentials of the State Board of Regents, or on certificates of principals of approved preparatory schools.

The University offers entrance examinations in the following subjects, but not all of these subjects will be required of any one candidate. The specific requirements for admission to the several courses will be found stated on pages 19 and 20.

LATIN:—

I. First Year Latin.

II. Cæsar's Gallic War, Books I-IV.

III. Vergil's *Æneid*, Books I-VI, and the Eclogues.

IV. Cicero, six orations, including those for Archias and for the Manilian Law.

V. Composition: translation of connected English passages into Latin prose.

It is urged that pupils be early accustomed to *read* Latin intelligently without translating. The Roman method of pronounciation is used.

GREEK:—

I. First Year Greek.

II. Xenophon's *Anabasis*, 3 books.

III. Homer's *Iliad*, 3 books; or *Odyssey*, 3 books.

IV. Composition: translation into Greek (with accents) of English passages based on Xenophon.

ENGLISH:—

I. English Language and Literature. The candidate will be required to show satisfactory evidence that he has pursued a course of study in Advanced English, English Composition, Rhetoric, and English or American Literature, equivalent to the First Year and Second Year English in the usual high school course. Note-books and exercises in composition or other written work done in such a course, properly certified by his instructor, may be offered as evidence of the candidate's proficiency. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs. Teachers are requested to insist on the use of good English, as an essential part of the pupil's training, in his translations from foreign languages, and in whatever he writes or speaks on any subject in the school course.

II. English Reading. In connection with the general requirement described above, the candidate must have made special preparation upon certain books, to be announced from year to year. The examination will be divided into two parts:

A.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a larger number set before him in the examination paper. The candidate's treatment of these topics will serve as a test, not only of familiarity with the works specified in the list, but also of ability to express thought with clearness and correctness; and a competent knowledge of the fundamental principles of rhetoric must be shown.

The books prescribed for this part of the examination will be:

1901 and 1902—Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley papers in the *Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; Eliot's *Silas Marner*.

1903, 1904, 1905—Addison's *The Sir Roger de Coverley Papers*; Carlyle's *Essay on Burns*; Coleridge's *The Ancient Mariner*; Eliot's *Silas Marner*; Goldsmith's *Vicar of Wakefield*; Lowell's *Vision of Sir Launfal*; Scott's *Ivanhoe*; Shakespeare's *Merchant of Venice*, *Julius Cæsar*; Tennyson's *The Princess*.

B.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, literary form, (including verse form in the case of poetry) and will imply an adequate understanding of the scope, purpose, and characteristics of the works designated. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books prescribed for this part of the examination will be:

1901 and 1902—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1903, 1904, 1905—Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*; Milton's *Minor Poems*; Shakespeare's *Macbeth*.

FRENCH:—

I. Grammar (Keetels' or Edgren's preferred); ability to render connected English passages into French; ability to translate into idiomatic English such works as Halevy's *L'Abbé Constantin*; Dumas, *Le Tulipe Noire*; Le Chien du Capitaine.

II. Translation of such works as George Sand's *La Petite Fadette*; Racine's *Athalie* and *Esther*; Feuillet's *Le Roman d'un Jeune Homme Pauvre*; Molière's *Le Misanthrope*.

III. Translation of such works as Victor Hugo's *Quatre-vingt-treize* and *Notre Dame de Paris*; St. Simon's *Mémoires* (A. N. Van Daell's edition); de Stael's *Corinne*.

GERMAN:—

I. Grammar (Joynes-Meissner preferred); ability to translate a connected passage of English prose into idiomatic German; translation into good English of such works as Hauff's *Das Kalte Herz*; Storm's *Immensee*; Von Hillern's *Höher als die Kirche*.

II. Translation of such works as Bernhardt's *Novelletten Bibliothek*; Schiller's *Die Jungfrau*, *Maria Stuart*, and *Wilhelm Tell*; Lessing's *Minna von Barnhelm*.

III. Translation of such works as Lessing's *Nathan der Weise*; Goethe's *Hermann und Dorothea*, *Faust*, Part I, and *Iphigenie auf Tauris*.

MATHEMATICS:—

I. Algebra, through Quadratic Equations, including Radical Quantities and Simultaneous Quadratics.

II. Plane Geometry.

III. Solid Geometry.

IV. Trigonometry.

V. Advanced Arithmetic.

VI. Advanced Algebra.

HISTORY AND CIVIL GOVERNMENT:—

I. History of Greece and of Rome.

II. General History.

III. Mediæval History.

IV. English History.

V. Advanced U. S. History.

VI. Economics.

SCIENCE:—

I. Physical Geography.

II. Botany.

III. Chemistry.

IV. Physics.

V. Astronomy.

VI. Geology.

VII. Zoology.

REQUIREMENTS FOR ADMISSION.

I. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS.

Candidates for admission to the course leading to the degree of Bachelor of Arts must present of the above list:—

Latin I, II, III, IV, V;
English I, II;
Mathematics I, II;
History I;

and one of the following groups:—

- A. Greek I, II, III, IV.
- B. German I, II, III.
- C. French I, II, III.
- D. German I, II, and Science III or IV.
- E. French I, II, and Science III or IV.

2. TO THE COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Candidates for admission to the course leading to the degree of Bachelor of Science must present:—

English I, II;
Mathematics I, II;
History I;

and one of the following groups:—

- A. Latin I, II.
- B. German I, II.
- C. French I, II.

Candidates for admission to this course must present, in addition to the above, any ten subjects taken from the following list:

Physical Geography; Botany; Zoology; Geology; Astronomy; Chemistry; Physics; General History; Mediæval History; English History; Advanced U. S. History; Economics; Solid Geometry; Trigonometry; Advanced Arithmetic; Advanced Algebra.

A year of Chemistry or Physics or a third year of English, Latin or French, is counted as two subjects.

Other academic subjects may be offered by the candidate, and may be accepted if their scope and nature be found satisfactory by the Faculty.

GENERAL REMARKS.

The conditions stated above require that any candidate for admission to a course leading to a degree must have, in addition to the pre-academic or grammar school studies, a four years' high school preparation, or a full equivalent, embracing the specific subjects named.

In lieu of entrance examinations the following will be accepted:—

I. The pass-cards, certificates and academic diploma of the State Board of Regents for the subjects which they cover. Such credentials will not, however, be accepted for advanced standing.

II. The certificates of principals of approved preparatory schools will admit students on probation, but such certificates must state specifically the subjects in which the candidate has passed satisfactory examinations covering the requirements as stated.

Such certificates should be filed with the Recorder at least two weeks prior to the regular entrance examinations. Forms will be furnished on application to the Recorder.

Candidates for advanced standing will be examined in the studies previously pursued by the classes which they desire to enter.

Candidates from other colleges will be required to present certificates of dismissal in good standing.

Persons of proper age and character may be admitted as special students, not candidates for a degree, on the same requirements as for the Scientific Course, and may elect such studies as they are qualified to pursue. Persons of exceptional maturity, or who have a definite plan of study, may be admitted, by vote of the Faculty, to a special course not leading to a degree. They must file with the Recorder certificates of their previous work.

The regular examinations of candidates for admission will be held at College Hall on the Thursday and Friday preceding Commencement and on the Friday and Saturday preceding the opening of the College. (For dates see calendar on page 3).

Further information may be had upon application to the Recorder.

COURSES OF STUDY.

I. LEADING TO THE DEGREE OF BACHELOR OF ARTS.

GROUP A.—FOR STUDENTS ADMITTED ON LATIN AND GREEK.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); Greek 1 (three); German 1 (three); History 1 (three). Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); Greek 2 (three); German 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); Greek 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); Greek 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three); *Elective, twelve hours.*

GROUP B.—FOR STUDENTS ADMITTED ON LATIN AND GERMAN.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); French 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); French 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); French 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); French 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year].

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction.)

GROUP C.—FOR STUDENTS ADMITTED ON LATIN AND FRENCH.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—Latin 1 (three hours); German 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—Latin 2 (three hours); German 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: Latin 3 (three hours); French 3 (three); German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: Latin 4 (three hours); French 4 (three); German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction.)

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

FRESHMAN YEAR.

FIRST TERM.

Prescribed, sixteen hours.—French 1 or German 1 (three); Biology 1 (three); Physiology 1 (three); History 1 (three); Mathematics 1 (four).

SECOND TERM.

Prescribed, sixteen hours.—French 2 or German 2 (three); Biology 2 (three); Physiology 2 (three); History 2 (three); Mathematics 2 (four).

SOPHOMORE YEAR.

FIRST TERM.

Prescribed, sixteen hours.—English A (one hour) and five of the following courses: French 1 or German 1 (three hours); French 3 or German 3 (three); History 3 (three); Mathematics 3 (three); Chemistry 1 (three); Geology 1 (three).

SECOND TERM.

Prescribed, sixteen hours.—English B (one hour) and five of the following courses: French 2 or German 2 (three hours); French 4 or German 4 (three); History 4 (three); Mathematics 4 (three); Chemistry 2 (three); Geology 2 (three). [Studies elected for the first term must be continued throughout the year.]

JUNIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Physics 1 (three hours); Psychology (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, six hours.—Physics 2 (three hours); Logic (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SENIOR YEAR.

FIRST TERM.

Prescribed, six hours.—Economics 1 (three hours); Ethics (three).

Elective, nine hours.—(See Tabular View and Departments of Instruction.)

SECOND TERM.

Prescribed, three hours.—Economics 2 (three hours).

Elective, twelve hours.—(See Tabular View and Departments of Instruction.)

TABULAR VIEW—FIRST TERM.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8	French 3 Astronomy 1 History 5	German 3 History 7	French 3 Astronomy 1 History 5	German 3 History 7	French 3 Astronomy 1 History 5	German 3 History 7
9	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology 1	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology 1	Economics 1 Physiology 1 Mathematics 3 Greek 1	Ethics Physics 1 Geology 1
10	French 1 Latin 3 Mathematics 5 Greek 11 Chem. 5 (Lab.)	German 1 Latin 5 or 7 Physics 3 (Lab.) Greek 3	French 1 Latin 3 Mathematics 5 Greek 7 or 9 Chem. 5 (Lab.)	German 1 Latin 5 or 7 Physics 3 (Lab.) Greek 3	French 1 Latin 3 Mathematics 5 Greek 7 or 9	German 1 Latin 5 Greek 3
11	Psychology Mathematics 1 Chem. 5 (Lab.)	English 1 Mathematics 1 Physics 3 (Lab.)	Psychology Biology 1 English A Chem. 5 (Lab.)	English 1 Mathematics 1 Physics 3 (Lab.)	Psychology Mathematics 1 Chemistry 1	
2	Chem. 3 (Lab.) History 1 Fine Arts 1	Latin 13 Chem. 1 (Lab.) French 5 Biology 1 (Lab.) Parl. Law 1	Chem. 3 (Lab.) History 1 Fine Arts 1	Latin 13 Chem. 1 (Lab.) French 5 Biology 1 (Lab.)	Chem. 3 (Lab.) History 1 Fine Arts 1	
3	Chem. 3 (Lab.) Latin 1 History 3 Greek 5	Chem. 1 (Lab.) German 5 Biology 1 (Lab.) Latin 11 Parl. Law 1	Chem. 3 (Lab.) Latin 1 History 3	Chem. 1 (Lab.) German 5 Biology 1 (Lab.) Latin 11	Chem. 3 (Lab.) Latin 1 History 3	

TABULAR VIEW—SECOND TERM.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8	French 4 Astronomy 2 History 6	German 4 History 8	French 4 Astronomy 2 History 6	German 4 History 8	French 4 History 6	German 4 History 8
9	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2 Geology 2 Rhetoric 1	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2 Geology 2 Rhetoric 1	Economics 2 Physiology 2 Mathematics 4 Greek 2	Physics 2 Geology 2 Rhetoric 1
10	French 2 Mineralogy (Lab.) Latin 4 Mathematics 6 Greek 12	German 2 Physics 4 (Lab.) Latin 6 or 8 Mathematics 8 Greek 4	French 2 Mineralogy (Lab.) Latin 4 Mathematics 6 Greek 8 or 10	German 2 Physics 4 (Lab.) Latin 6 or 8 Greek 4	French 2 Mineralogy Latin 4 Mathematics 6 Greek 8 or 10	German 2 Latin 6 or 8 Greek 4
11	Logic Mineralogy (Lab.) Mathematics 2	English 2 Physics 4 (Lab.) Mathematics 2	Logic Mineralogy (Lab.) Biology 2	English 2 Physics 4 (Lab.) Mathematics 2	Logic Chemistry 2 Mathematics 2	
2	Chem. 4 (Lab.) History 2 Latin 9 or 10	Chem. 2 (Lab.) French 6 Biology 2 (Lab.) Parl. Law 2 Latin 14	Chem. 4 (Lab.) Mathematics 8 English B History 2 Latin 9 or 10	Chem. 2 (Lab.) French 6 Biology 2 Latin 14	Chem. 4 (Lab.) History 2 Latin 9 or 10	
3	Chem. 4 (Lab.) Latin 2 Greek 6 History 4	Chem. 2 (Lab.) German 6 Biology 2 (Lab.) Parl. Law 2	Chem. 4 (Lab.) Latin 2 Mathematics 8 History 4	Chem. 2 (Lab.) German 6 Biology 2 (Lab.) Latin 12	Chem. 4 (Lab.) Latin 2 History 4	

DEPARTMENTS OF INSTRUCTION.

LATIN.

Professor HARDIE.

Latin is a required subject during the first year of the courses leading to the degrees of Bachelor of Arts and Bachelor of Philosophy and is elective during the three following years. In the pursuit of the study the objects primarily sought are appreciation of the thought and style of the authors read, and the intellectual training to be derived from dealing with ideas expressed in the clear and forcible Latin idiom. As a requisite to this end especial stress is laid upon acquiring the power to read the language intelligently in the original; and though translation, both oral and written, is employed as a test of the student's knowledge and an exercise in the use of English, students are trained from the beginning to grasp the thought in the Latin form of expression without the necessity of translating. Class-room work consists for the most part of interpretation of the text and explanatory comment by the instructor. Representative works of various periods are studied as an expression of Roman character and the spirit of the age in which they were written. Especial attention is paid to the study of the political and religious institutions and the private life of the Roman people. Lectures on special topics in Roman history and antiquities and on the individual characteristics and peculiarities of style of the authors under consideration are given from time to time. In connection with the department is a library of classical texts and reference books, of which students in the elective courses are expected to make constant use. Independent investigation of assigned topics and the writing of short theses are required.

HONORS.—Candidates for honors in this department are required to present a thesis in Latin upon some topic in connection with the work of the department. The honor examination consists of the rendering and critical interpretation of a passage chosen from a Latin author; questions on the history of the Latin language and literature; and the discussion of topics in connection with the political and social institutions of the Romans, their art, mythology, religion and philosophy. Two terms' practice in writing Latin in addition to the amount prescribed is required of candidates for honors in Latin.

LATIN 1.—(Prescribed) Fresh. I. Mo. We. Fr. at 3.

Livy, Book I or XXI; Writing Latin; Translation at sight.

In this course the chief aim is to acquire facility in reading Latin and an understanding of the structure and arrangement of the Latin sentence. Other matters, though in themselves important, are for the time made subordinate to that end. Frequent practice is given in translation at sight and in oral translation into Latin of English sentences based on the text of Livy. Weekly practice in writing Latin is also required, and the principles of Latin syntax are carefully reviewed.

LATIN 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 3.

Cicero, *De Senectute* and selections from Cicero's Letters; Writing Latin; Translation at sight.

This term's work serves as an introduction to the study of Cicero's philosophical works and of his public career and personal traits viewed in the light of his letters to his friends. Translation of Latin at sight and the translation of English narrative into Latin are continued. Special attention is given to the study of Latin idiom.

LATIN 3.—I. Mo. We. Fr. at 10. Open to those who have had Latin 1 and 2.

Horace's Odes; Tacitus, *Agricola* and *Germania*.

The odes of Horace are treated from a literary standpoint. The spirit of each ode is carefully studied and the student is made acquainted with the various forms of lyric verse. Tacitus serves as a basis of study of the literature of the Silver Age and the condition of society during the Early Empire.

LATIN 4.—II. Mo. We. Fr. at 10.

History of Roman Literature.

It is the aim of this course to give a survey of Roman literature from the earliest times to the end of the Silver Age, with a view to coördinating the student's knowledge of the Latin authors with which he is already familiar, and of giving a wider and more comprehensive knowledge of the literature of the language, as a basis of future reading. After a brief study of the principles that underlie the growth of language, some of the oldest remnants of Latin are studied, and the gradual development of the language is then followed with special reference to its bearing upon Roman character and institutions. The course is conducted by lectures supplemented by the study of Cruttwell's *Roman Literature*.

Reading of portions of selected authors and consultation of histories of literature in the classical library are required. Students in the Scientific course are admitted to this course and read selections from standard translations of Latin authors instead of the passages in the original prescribed for other members of the class.

LATIN 5.—I. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2.

Catullus, Tibullus, Propertius and Ovid.

This course is designed for rapid reading and a considerable amount is covered. Attention is given to the tendencies of the age and the influence of the Alexandrine school as exemplified in the portions read. The elegiac poems of the authors named are compared and contrasted as expressions of personal feeling, and their works as a whole are considered as illustrative of contemporary life and thought.

LATIN 6.—II. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2.

Horace's Satires and Epistles; Plautus, Trinumus.

It is assumed that students, on reaching this stage, have acquired, in general, correct methods of reading, and in this course special emphasis is laid upon the subject-matter. The development of satire among the Romans, Horace's indebtedness to Lucilius, and the gradual change in his style and the tone of his criticisms, are discussed. Indications of his personal characteristics and opinions, his views on the conduct of life, and of the social and political conditions of his time, are all carefully noted. The rise of the Roman drama and its relation to Greek models are brought out in connection with the reading of Plautus.

LATIN 7.—I. Tu. Th. at 10. Open to those who have had Latin 1 and 2.

Early Latin.

This course deals with the inscriptions and other remains which we possess of the Latin of the pre-classical period. Allen's Remnants of Early Latin and Merry's Fragments of Roman Poetry are made the basis of study, and the Corpus Inscriptionum Latinarum and other works bearing upon the subject are constantly referred to. A portion of the time is devoted to a study of the syntax of the early period in its relation to classical usage.

LATIN 8.—II. Tu. Th. Sa. at 10. Open to those who have had Latin 1 and 2.

Lucretius, De Rerum Natura.

In this course the Epicurean philosophy is studied as set forth in the work named. The author is also considered from a literary stand-

point. A portion of the time is devoted to a study of the history of ancient philosophy, and the beliefs of the ancient philosophers are compared with modern scientific thought.

LATIN 9.—II. Mo. We. Fr. at 2.

Roman Antiquities.

This course is designed to give some acquaintance with the domestic, social and political life of the Romans. Among the topics treated are the Roman house, furniture and utensils, dress, daily occupations, social customs, education, amusements, art, religious institutions, public assemblies, magistrates, legislative and judicial procedure, and provincial administration. The course is conducted by means of lectures and reports on assigned topics. Photographs and similar means of illustration are employed. Ability to read Latin is useful but not indispensable to those who take this course.

LATIN 10.—II. Mo. We. Fr. at 2. Open to those who have had Latin 1 and 2.

Roman politics of the time of Cicero.

This course deals with the political issues and parties and the relations and movements of the political leaders during the last years of the republic. Particular attention is given to the so-called Conspiracy of Catiline, the exile and return of Cicero, and the political situation during the period of the Civil War. Selected letters of Cicero and portions of his orations are read as a basis of study.

LATIN 11.—I. Tu. Th. at 3. Open to those who have had Latin 1 and 2.

Latin Style.

This course is intended for students who are well grounded in the principles of syntax and have a good command of vocabulary. The course is devoted to a study of the peculiarities of Latin idiom and the essential differences between English and Latin modes of expression; the work is conducted by lectures, and once a week a passage is set for translation. Potts's *Hints Towards Latin Prose Composition* is used for the guidance of the class.

LATIN 12.—II. Th. at 3. Open to those who have passed in Latin 11 with high grade.

Latin Style.

This course is designed to cultivate facility of expression and appreciation of Latin style. Latin models are carefully analyzed, and the

translation of English into Latin is varied with practice in original composition and the oral use of Latin. This course is open to only the most advanced students.

LATIN 13.—I. Tu. Th. at 2. Open to those who have had Latin 1 and 2.

Prose writers of the Early Empire.

Selections from the prose writers of the Silver Age, chiefly Seneca, Tacitus and Quintilian, studied with reference to the tendencies of the age in thought and letters.

LATIN 14 —II. Tu. Th. at 2.

Teachers' Course.

In this course a study is made of topics of interest to teachers in connection with the authors read in preparation for college.

GREEK.

Professor C. K. GAINES.

Greek is a prescribed subject during the Freshman year for those who have presented it upon entrance, and is elective during the Sophomore and Junior years. The Greek courses of the Junior year are also open to Seniors who have not previously pursued them. The paramount aim in this department, especially during the first two years of the course, is the attainment of ability to read the masterpieces of Greek literature with ease and full appreciation. During the Freshman year, however, rapidity in reading is subordinated to thoroughness of drill, especial attention being given to the syntax of the moods and tenses, the acquirement of an effective vocabulary, and the formation of correct habits of reading (including pronunciation). The writing of connected exercises in Greek prose is made a prominent feature in the work of the first year, and sight reading is practiced as far as time permits. Simple exercises designed to train the ear as well as the eye are also made use of, and the student's ability to grasp the meaning of connected discourse in Greek independently of translation is repeatedly tested. The work of the second year presupposes familiarity with the grammar and idioms of the language, a good vocabulary, and considerable facility in reading. The texts are read more rapidly, and the student's attention is chiefly directed to their literary quality and historic interest. An idiomatic and accurate rendering, with due regard for the style of the original, is insisted upon; collateral reading is prescribed, and is included in the

examination. The more specialized courses of the Junior year are described in detail below. Students pursuing these courses are entitled to the privileges of the classical library and study room.

GREEK 1.—(Prescribed, Group A) Fresh. I. Mo. We. Fr. at 9.

Select Orations of Lysias; Writing Greek; Translation by ear.

A careful study is made of the period immediately preceding and following the fall of Athens, and of the aspects of Athenian social life presented in the orations read. Constructions and idioms receive constant attention, especially the syntax of the moods and tenses—see above. One session each week is devoted to writing Greek and kindred exercises. Xenophon's *Memorabilia* is usually begun before the end of the term.

GREEK 2.—(Prescribed, Group A) Fresh. II. Mo. We. Fr. at 9.

Selections from Xenophon's *Memorabilia* of Socrates; Plato's *Apology* of Socrates; Selections from *The Frogs* or *The Clouds* of Aristophanes; Writing Greek, and translation at sight.

The life and teachings of Socrates, his relation to Plato and to the Sophists, and the influence of the latter upon Greek character, are carefully studied. The exercises in writing Greek are continued (one session a week) and increased attention is given to translation at sight and the attainment of facility.

GREEK 3.—I. Tu. Th. Sa. at 10.

Demosthenes de Corona; with a study of the period from the fall of Athens to the battle of Chæronea.

In this course special attention is given to appreciative reading of the Greek text, and its rendering in apt and expressive English. A sound understanding of the political situation portrayed in the oration, and of all events referred to in the argument, is required, and collateral reading is prescribed.

GREEK 4.—II. Tu. Th. Sa. at 10.

Greek Tragedy; with a study of the Attic Theatre and related topics.

The authors ordinarily taken up are Æschylus and Sophocles. Collateral reading is prescribed. The literary characteristics of the plays read are carefully discussed. The metrical reading of the Greek dialogue (with proper regard for *quantity*) receives particular attention.

GREEK 5 and 6.—I. Mo. 3 to 5; II. Mo. 3 to 5.

Advanced courses in Greek Prose Composition.

These courses are intended for advanced students who desire to put a good working edge on their Greek, and is especially suited to the needs of those who expect to teach. The aim is to compose in Greek, not merely to turn English sentences into Greek; and those who elect this work will be given all possible aid in acquiring a sense of style and flexibility and ease of expression.

GREEK 7 and 8 (to be elected together). I. We. Fr. at 10; II. We. Fr. at 10.

Teachers' Course.

This course is intended for those who desire to become teachers of preparatory Greek. Thorough drill will be given both on the subject-matter to be taught and in methods of teaching; many practical suggestions, based on experience, will be offered; an exact and detailed knowledge of the subjects to be taught will be demanded. A number of lectures will be given, and collateral reading will be prescribed. It is recommended that this course be pursued in connection with Greek 5 and 6.

GREEK 9 and 10 (alternative with Greek 7 and 8). I. We. Fr. at 10; II. We. Fr. at 10.

Advanced Reading.

These courses are intended for students who have given evidence of faithfulness and aptitude in the Greek courses of the Freshman and Sophomore years, and desire to extend their knowledge of Greek literature by further reading. The authors taken up may be varied from year to year, and in making the selection the preferences of those electing the course will be considered.

GREEK 11.—I. Mo. at 10.

Elegiac and Lyric Verse.

Selections covering a wide and interesting field will be taken up. Special attention will be given to lyric metres and their proper rendering.

GREEK 12.—II. Mo. at 10.

Greek Phonetics.

This course will treat of the pronunciation of Greek, both from the historical and from the practical standpoint—partly in lectures. Supplementary reading will be prescribed.

FRENCH.

Professor LIOTARD.

French is a required subject during the first year in Group B, and in the Scientific course is alternative with German during the same period. During the Junior and Senior years French is elective in all the courses; and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The student may, therefore, either terminate his study of this language at the end of two years, or continue it throughout the four years. The aim in the former case is to give thorough drill in the elements of the language, and to attain considerable facility in reading, principally with a view to utility in connection with other studies; but in subsequent courses the language is treated rather as an end in itself. A much fuller mastery is aimed at, more attention is given to writing and speaking with ease and correctness, and it is sought to give the student an adequate introduction to the systematic and critical study of French literature. In all cases a careful study of grammar is considered indispensable; and by this means, it is believed, a valuable mental discipline is secured similar to that derived from the study of Greek and Latin. The attainment of a perfect pronunciation receives constant attention, and from the beginning the ear of the student is trained so that he may understand French when spoken in his presence. It is intended that those who have taken all the courses offered in this department shall have such command of the language as will enable them to pursue the study of its literature with pleasure and advantage.

FRENCH 1.—I. Mo. We. Fr. at 10.

Keetels' Grammar with exercises.

In this course special attention is given to the training of the ear by frequent reading of easy French sentences by the instructor; the translation of English into French is begun.

FRENCH 2.—II. Mo. We. Fr. at 10.

Keetels' Grammar concluded; *Le Chien du Capitaine*, *L'Abbé Constantin*.

This course consists mainly of the reading and translation of easy French. Special attention is given to the study of syntax, and the translation of English into French is continued.

FRENCH 3.—I. Mo. We. Fr. at 8.

Le Roman d'un Jeune Homme Pauvre; Racine's Esther; Molière's Le Misanthrope.

The particular works read in this course may be changed from year to year. The aim is to take up selections from the great authors of the period of Louis XIV. and from the works of some of the modern novelists.

FRENCH 4.—II. Mo. We. Fr. at 8. Open to those who have completed course 3, or who entered with two years of French.

Les Mémoires de St. Simon; Victor Hugo's Quatre-vingt-treize; Balzac's Le Curé de Tours.

In this course the reading is progressive. More difficult authors of the same epochs as in the preceding half-year are taken up.

FRENCH 5.—I. Tu. Th. at 2. Open to those who have completed course 4, or who entered with three years of French.

Writing French; French conversation.

The student who has continually during two years read different French authors is now ready to cope successfully with the difficulties of French composition, in which thorough drill is given in this course.

FRENCH 6.—II. Tu. Th. at 2. Open to those who have completed course 5.

Lectures on French Literature; Writing French; French conversation.

The work in courses 5 and 6 is changed from year to year, the study of some of the great epochs of French literature alternating with French composition. The work is varied from year to year so as to enable those who have studied French for three years to continue it through the fourth year.

GERMAN.

Professor LIOTARD.

German is a required subject during the first year in Group C, and in the Scientific course is alternative with French during the same period. During the Junior and Senior years German is elective in all the courses, and those who have not previously studied it are given an opportunity to enter classes beginning the subject. The general plan, and the aims and methods of instruction, are similar to those used in the French courses above described.

GERMAN 1.—I. Tu. Th. Sa. at 10.

Joynes-Meissner German grammar, with copious exercises in the translation of English into German.

GERMAN 2.—II. Tu. Th. Sa. at 10.

Grammar concluded; Schiller's *Der Neffe als Onkel*; *L'Arrabbiata*; *Irrfahrten*.

GERMAN 3.—I. Tu. Th. Sa. at 8.

Schiller's *Jungfrau* and *Maria Stuart*.

GERMAN 4.—II. Tu. Th. Sa. at 8. Open to those who have completed course 2, or who entered with two years of German.

Lessing's *Nathan der Weise*; *Iphigenia auf Tauris*; *Faust*.

GERMAN 5.—I. Tu. Th. at 3. Open to those who have completed course 4, or who entered with three years of German.

Writing German.

GERMAN 6.—II. Tu. Th. at 3. Open to those who have completed course 5.

Writing German.

The work in German 5 and 6 is changed from year to year in the same way and for the same reasons as the corresponding courses in French, as explained above.

ENGLISH.

Professor C. K. GAINES.

ENGLISH A.—(Prescribed) Soph. I. We. at 2. Professor FOSTER.

The aim in this course is to increase by exercise the student's command of his mother tongue. Each member of the class is required to write an essay every week, and a part of the hour of recitation is given to the reading and criticism of these essays. Lectures are given on the principles of English composition.

ENGLISH B.—(Prescribed) Soph. II. We. at 2. Professor FOSTER.

Careful study will be made of the systematic plan and logical development of the various kinds of discourse. Outlines will be prepared and criticised, and from these whole compositions will be constructed.

PARLIAMENTARY LAW AND DEBATE I and 2.—I. Tu. 2 to 4; II. Tu. 2 to 4. (to be elected together). Professor C. K. GAINES.

In these courses the class is organized and conducted as an assembly, the professor in charge ordinarily acting as chairman. The rules of order are thoroughly studied, and their application illustrated in the proceedings: thus knowledge and experience of great practical utility are obtained. Each member in turn acts as secretary; carefully prepared models are furnished for minutes, reports, resolutions, etc., and all written work is subject to revision by the instructor. Frequent debates are held upon practical questions, and all members are required to take part. The speeches are usually from fifteen to twenty minutes in length; reading from manuscript is prohibited, and both argument and delivery are reviewed and criticised by the instructor at the close of each debate. A thoroughly practical and business-like style of speaking is inculcated; the aim is to train the student to think upon his feet and express his thought effectively. Timid speakers are encouraged to persevere and do their best. *Deturs* are offered, both for proficiency in parliamentary law and practice and for excellence in extemporaneous speaking.

ENGLISH 1.—(three hours) I. Lectures Tu. Th. at 11; hours for writing and for criticism to be arranged. Professor C. K. GAINES.

ENGLISH 2.—(three hours) II. Lectures Tu. at 11, Criticism Fr. at 11; hours for writing to be arranged. Professor C. K. GAINES.

The above courses, open to Juniors and to Seniors who have not previously pursued them, are closely connected and must be elected together. It is not permissible to elect the lectures without also pursuing the course of reading and criticism which is included with them and designed to supplement and illustrate them. This prescribed reading is disposed in three groups, or sub-courses,—the first included in English 1, the second and third in English 2; in value, each represents a term-hour. The aim of these courses is to give an introduction to the systematic study of English literature; also to form a habit of rapid, critical reading, and a taste for the best authors. The student is thus prepared to pursue with discrimination and advantage the more advanced courses which follow. The development of English literature is treated historically in the lectures (two hours a week during the first term, and one hour during the second term). This part of the work connects closely with History 4 and 5, and the relation with contemporary political and social history is kept constantly in view. Black-board tabulations are used, students are required to take adequate notes, and a written examination is given at the close of each term.

Parallel with the lectures and covering about the same ground are the reading courses. A special library is provided for the use of the class. The authors, and in many cases the particular works to be read, are prescribed—for it is found that students often derive most pleasure and profit from writings which they would not in the first instance have elected—but a moderate amount of election is allowed, that the student may be enabled to give especial attention to the authors that most strongly attract him. All elections, however, must be made from a selection list prepared for the purpose, in which each item is rated according to its length and difficulty. Students are required to prepare and present careful abstracts of everything read in the course, and to write a series of critical reviews under the supervision of the instructor and subject to searching criticism.

In the courses arranged for the Senior year the method followed is similar to that above described, but a larger freedom of choice is allowed, the selection list is extended, and a more ample library is provided. Finer finish and a higher critical quality are demanded in the written work, and the standard of criticism is more rigorous. Courses 4 to 7 are open only to students who have obtained a grade not less than *eighty* in courses 1 and 2—unless special permission is granted for sufficient reasons. Hours for writing and for criticism are appointed by the instructor.

ENGLISH 3.—(one hour). Open to those who have elected English 1 and 2.

Free election from the selection list. This course is for the accommodation of those who desire a larger amount of elective reading while pursuing English 1 and 2.

ENGLISH 4.—(one hour). Open to those who have taken English 1 and 2.

English dramatic literature, especially that of the Elizabethan period.

ENGLISH 5.—(one hour). Open to those who have taken English 1 and 2.

Epic poetry: a study of the world's greatest epics through the medium of the most approved English translations and with reference to the best English criticism.

ENGLISH 6.—(one hour). Open to those who have taken English 1 and 2.

Essayists and orators—English and American.

ENGLISH 7.—(one hour). Open to those who, after completing English 1 and 2, have taken English 4, 5, or 6.

The best English and American novelists: standard works from a special selection list. In this course the amount of reading prescribed is considerably greater than in any of those given above, and a high grade of critical work will be required.

RHETORIC I.—II. Tu. Th. Sa. at 9. Professor A. G. GAINES.

The subject is treated from a thoroughly practical standpoint, with a minimum of theorizing. The instruction is subservient to no text-book, but Whately's Elements is taken as a convenient basis. A large amount of written work is required.

FINE ARTS.

Professor HARDIE.

FINE ARTS I.—I. Mo. We. Fr. at 2.

This course is designed as an introduction to the study of art and archæology, with special reference to the plastic art and architecture of the Greeks, Roman art, the development of the later styles of architecture, and sculpture and painting in Italy during the Renaissance. The course is conducted by lectures, and is illustrated by photographs and plaster casts.

MATHEMATICS.

Professor FORD.

Mathematics is a required subject during the Freshman year. During the Sophomore, Junior and Senior years elective courses are offered.

The instruction offered in this department is intended to aid in the development of exact, concise, and independent reasoning, to cultivate the imagination and to inspire habits of original and independent thought. At the same time it is intended to afford those students who are desirous of doing advanced work in mathematics, astronomy, or physics an opportunity for securing the necessary preliminary equipment. The student is taught from the beginning that memory, although an important factor in mathematical study, is secondary to originality and invention.

In courses 1 and 2 special attention is given to a thorough drill in the subjects pursued. The work comprises the study of a text book, with recitations and frequent reviews, supplemented by lectures and original work. In all elective courses the subjects are developed by lectures accompanied by a careful and systematic questioning of the student during the progress of the lecture. Many problems are solved and original demonstrations required. Frequent recitations are given, the object of the recitation being to test the student's ability to apply readily what he has learned, rather than a repetition of the work previously developed by the lectures. Text books are used both for study and for reference.

MATHEMATICS 1.—(Prescribed) Fresh. I. Mo. Tu. Th. Fr. at 11.

Solid Geometry and Plane Trigonometry.

In addition to the ordinary propositions of solid geometry, the solution of numerical applications and original problems is required. In trigonometry the aim is to have the student master the principles of trigonometric analysis, and acquire the ability to solve triangles readily.

MATHEMATICS 2.—(Prescribed) Fresh. II. Mo. Tu. Th. Fr. at 11.

Algebra.

Special attention is paid to the rigorous demonstration of the theorems, as well as to their application to practical problems. Among the subjects treated are variables and limits, differentiation, principles of undetermined coefficients, binomial theorem, infinite series, logarithms, permutations and combinations, probability, general properties of equations.

MATHEMATICS 3.—I. Mo. We. Fr. at 9. Open to students who have had courses 1 and 2.

Analytic Geometry.

The subjects treated are the equations of the straight line and conic sections, with their principal properties, the discussion of the general equation of the second degree, and some of the simpler higher plane curves.

MATHEMATICS 4.—II. Mo. We. Fr. at 9. Open to students who have had course 3.

Elements of Calculus.

The work will include simple and successive differentiation of explicit and implicit functions with application to the expansion of functions, evaluation of indeterminate forms and maxima and minima, and the integration of simple forms, with application. The course is designed to give enough of the elements of the subject to enable the student to take up intelligently a more thorough and systematic study of the calculus, and of its application to physical and mechanical problems.

MATHEMATICS 5.—I. Mo. We. Fr. at 10. Open to students who have had course 4.

Calculus.

In this course an opportunity is given to those who have taken course 4 to pursue the study of calculus further. Special topics, necessarily omitted from the preceding course, are treated.

Courses 5 and 7 are given in alternate years.

MATHEMATICS 6.—II. Mo. We. Fr. at 10. Open to students who have had course 4.

Determinants and the Theory of Equations.

The elementary properties of determinants are derived, and the most important principles of the general theory of equations are developed. Courses (6) and (8) are given in alternate years.

MATHEMATICS 7.—I. Mo. We. Fr. at 10. Open to students who have had course 3.

Modern Analytic Geometry.

Some of the modern methods in Analytic Geometry are taken up, including the abridged notation, reciprocal polars, anharmonic ratios, trilinear and tangential coördinates. Courses (7) and (5) are given in alternate years.

MATHEMATICS 8.—II. Mo. We. Fr. at 10. Open to students who have had course 3.

Solid Analytic Geometry.

This is an elementary course alternating with course 6.

MATHEMATICS 9.—II. Tu. at 10 and We. afternoon. Open to students who have had courses 1 and 2.

Surveying.

The theory of the subject, including the study of instruments, is taken up in detail. The latter part of the course is devoted to field practice and the solution of problems.

ASTRONOMY.

Professor FORD.

ASTRONOMY 1.—I. Mo. We. Fr. at 8. Open to Juniors and Seniors.

Descriptive Astronomy.

This course is designed to give the student a general introduction to the subject, and acquaint him thoroughly with the fundamental principles, the scientific methods of astronomical research, and the present state of our knowledge of the heavenly bodies.

ASTRONOMY 2.—II. Mo. We. at 8. Open to students who have had Astronomy 1.

Spherical and Practical Astronomy.

In this course the study of the theory of instruments is taken up,

astronomical problems are solved, and practical work with instruments is pursued as far as the present facilities permit.

PHYSICS AND CHEMISTRY.

Professor PRIEST.

General Physics is a required subject during the Junior year, and a complete course is given. For those who desire to do more advanced work in this department elective courses are offered. Chemistry is required during the Sophomore year, and three terms of elective work are offered. In both subjects the prescribed work consists partly of text-book study, with lectures and recitations, and partly of laboratory work, while the elective courses are mainly devoted to the latter.

PHYSICS 1.—(Prescribed) Jun. I. Tu. Th. Sa. at 9.

PHYSICS 2.—(Prescribed) Jun. II. Tu. Th. Sa. at 9.

General Physics.

These two courses are continuous. A text-book is used, with comments and illustrative experiments. In electricity much additional material is given, and the whole is supplemented by a brief course of lectures upon the fundamental principles of physics and its relation to other branches of science.

PHYSICS 3.—I. Tu. Th. from 10 to 12. Open to students who have had courses 1 and 2.

Physical Laboratory: Mechanics, Sound, Heat, Light, Electricity.

PHYSICS 4.—II. Tu. Th. from 10 to 12. Open to those who have had course 3.

Physical Laboratory: Advanced work in Mechanics, Sound, Heat, Light, Electricity.

The first term of laboratory work is devoted to practice in the use of instruments of precision, accurate quantitative work in mechanics, and the experimental verification of physical formulae. In the second term more advanced work in heat, light, and electricity is done.

Students in these courses will, in general, work independently, following Sabine, Stewart and Gee, Nichols, Glazebrook and Shaw, Carhart and Patterson. Careful and accurate work, with full notes, will be required. The laboratory is equipped for practical work, and new apparatus will be constructed or purchased as needed.

CHEMISTRY 1.—(Prescribed) Soph. I. Tu. Th. from 2 to 4 and Fr. at 11.

CHEMISTRY 2.—(Prescribed) Soph. II. Tu. Th. from 2 to 4 and Fr. at 11.

General Chemistry.

This course is intended to cover theoretical and descriptive inorganic chemistry chiefly; followed, however, by a brief introduction to organic chemistry. Instruction is given by means of recitation, lectures, and laboratory work, about one-half the time being devoted to the latter.

CHEMISTRY 3.—I. Mo. We. Fr. from 2 to 4. Open to students who have had courses 1 and 2.

Qualitative Analysis: Basic and Acid Analysis; Analysis of Salts, Minerals, and Food Products.

CHEMISTRY 4.—II. Mo. We. Fr. from 2 to 4. Open to students who have had course 3.

Quantitative Analysis: Gravimetric and Volumetric Analysis; Analysis of Salts, and common Natural Products.

CHEMISTRY 5.—I. Mo. We. from 10 to 12. Open to students who have had Chemistry 4.

Advanced Quantitative Analysis: Analysis of Water, Dairy and Food Products.

The above elective work is almost entirely in the laboratory, under the direction and supervision of the instructor. Note-books are frequently examined, and written work is assigned. The laboratory is well supplied with fine balances, graduated glassware, and apparatus for special analysis.

GEOLOGY AND MINERALOGY.

Dr. LOGAN.

GEOLOGY 1.—I. Tu. Th. Sa. at 9.

General Geology.

This course is an introduction to the study of physiographical dynamical, structural and historical geology. It is a study, in a general way, of the fundamental principles of the subject. The work of the class-room is supplemented by field excursions while the season permits. An excellent collection of fossils serves the student as a valuable aid in historical geology, while the large collection of minerals and rock-specimens belonging to the University assist him materially in the study of economic and structural geology.

GEOLOGY 2.—I. Tu. Th. Sa. at 10. Open to students who have had course I.

Continental Evolution.

The evolution of the North American continent is studied in great detail. The principles underlying the different branches of geology are considered in their application to this continent. Special emphasis is placed on the study of the metamorphic rocks of the Algonkian series and on glacial phenomena, because of the excellent opportunity presented for studying them in the field.

A course in field geology is offered for students electing geology in candidacy for a higher degree, or for advanced students desiring to make a special study of geology. The work of the course may be carried on during the summer vacation. Students electing it are expected to make a written report on the work assigned

MINERALOGY.—II. Mo. We. from 10 to 12, Fr. at 10.

A study of the elements of crystallography, including a consideration of the crystal form and optical properties of minerals, is followed by lectures on descriptive and determinative mineralogy. Much of the time of the laboratory is devoted to blow-pipe analysis. Special attention is given to the study of the more common and useful minerals for which the region is remarkable. The Chapin-Andrews Collection of minerals affords an abundance of excellent material for illustrating this course.

BIOLOGY AND PHYSIOLOGY.

BIOLOGY 1.—(Prescribed, Scientific). Fresh. I. Tu. Th. from 2 to 4, We. at 11. Dr. LOGAN.

General Biology.

The typical forms of vegetable and animal life are taken up, particular attention being paid to the general principles of organization common to all living things. The main purpose is to give a clear conception of the fundamental principles involved.

BIOLOGY 2.—(Prescribed, Scientific). Fresh. II. Tu. Th. from 2 to 4, We. at 11. Dr. LOGAN.

In this course the subject is pursued in more detail, with lectures on natural selection, evolution, heredity, etc.

PHYSIOLOGY AND HYGIENE 1.—(Prescribed, except in Group A) Fresh. I. Mo. We. Fr. at 9.

PHYSIOLOGY AND HYGIENE 2.—(Prescribed, except in Group A) Fresh. II. Mo. We. Fr. at 9. Dr. LOGAN.

Martin's "The Human Body" (Advanced course) is used as a text-book, and is largely supplemented by lectures and practical work.

POLITICAL SCIENCE AND HISTORY.

Professor A. G. GAINES and Professor FOSTER.

In the work in History, stress is laid upon institutions, cause and effect, and the interdependence of nations and of ideas. The required work concerns itself with general history, while in the elective courses definite periods are made the subject of consideration. In all courses emphasis is laid upon individual work, and the methods used are in accordance with this idea.

HISTORY 1.—(Prescribed) Fresh. I. Mo. We. Fr. at 2. Professor FOSTER.

Ancient History.

The work of the course will be to point out some of the underlying principles of history and to study the development of civilization as exemplified in the religious, political and social institutions of the ancient nations. Most of the time is devoted to Greece and Rome. Written reports upon special assigned topics are required of each member of the class.

HISTORY 2.—(Prescribed) Fresh. II. Mo. We. Fr. at 2. Professor FOSTER.

Mediæval and Modern History.

This course covers the period from the fall of the Western Empire to the Peace of Augsburg in 1555, the aim being to trace the beginning and development of the Germanic states in Western Europe, the influence of the Roman civilization, the fortunes of the Holy Roman Empire and the Papacy, the political and social institutions of the mediæval period and the great reformation movements of the 16th century.

HISTORY 3.—Soph. I. Mo. We. Fr. at 3. Professor FOSTER.

Rise and Development of Teutonic Institutions.

This course is designed as a preparation for the study of English History, hence especial emphasis is given to its bearing upon that subject and incidentally upon American History. Written reports upon special topics are required of each student.

HISTORY 4.—Soph. II. Mo. We. Fr. at 3. Professor FOSTER.

English History.

This course covers the political and constitutional history of England down to recent times. The main movements of Continental history from the Peace of Augsburg to the French Revolution are incidentally studied in connection with this course. Written reports upon special topics are required.

HISTORY 5.—I. Mo. We. Fr. at 8. Professor FOSTER.

American History down to 1829.

Frequent oral reports are required upon special topics.

HISTORY 6.—II. Mo. We. Fr. at 8. Professor FOSTER.

American History from 1829 to the present time.

A brief survey of the Colonial period to give the student an idea of the basis of our national life is followed by a detailed study of the formation of the Union and the political and constitutional history of the United States. Letters and speeches of American statesmen, public documents and special histories, constitute the basis of the work. Much individual research embodied in oral reports is required.

HISTORY 7.—I. Tu. Th. Sa. at 8. Professor FOSTER.

Modern History of Europe.

As a preface to this course an outline is given of the Rise of French Absolutism, culminating in the period of Louis XIV. The main movements in European life during the last century are then given, especially the Napoleonic Wars and the resulting reconstruction of Europe. A thesis is required in addition to frequent reports.

HISTORY 8.—II. Tu. Th. Sa. at 8. Professor FOSTER.

International Law and Diplomacy; Historical Research and Criticism.

The principles of International Law are presented and illustrated by the study of cases. A sufficient history of Diplomacy is given to enable the student to appreciate and understand the current discussion of questions along these lines. Following the work in International Law a series of lectures is given on methods of Historical Research and Criticism, especially designed for those who contemplate teaching history. Among other things a critical list of sources and authorities is given.

ECONOMICS I and 2.—(Prescribed) Sen. I and II. Mo. We. Fr. at 9.
Professor A. G. GAINES.

In this course, although a text-book is used as a basis of study, the *subject* rather than any one writer's presentation of it is treated. The instruction includes recitation, critical class-room discussion of each topic, and prescribed collateral reading, with occasional lectures. Numerous practical and real cases are assigned for analysis, discussion, and explanation; theses and review exercises are required. Among the topics taken up are:—First term: the fundamental principles of political economy; wealth; value; the production of wealth, its laws and conditions; its factors, labor and capital, with a careful study of each; distribution and its problems, with special attention to strikes, bounties, monopolies, and socialism; consumption, its forms and problems; taxation and its forms. Second term: exchange, its grounds and its forms; its instruments—(1) money, its nature, uses, and forms, and the problems of kind and quantity; (2) credit, its nature and forms, its uses and dangers, and the problems it presents; banks, their functions and uses; debts, personal and national; the tariff and its problems; a further critical study of socialism, financial crises, and hard times.

SOCIOLOGY.—(Elective, three hours) Sen. II. (Hours to be arranged).
Professor FISHER.

Students interested in social science and already well grounded in the principles of political economy may, upon application approved by the instructor, be admitted to Professor Fisher's course in sociology.

PHILOSOPHY.

Professor A. G. GAINES.

PSYCHOLOGY—(Prescribed) Jun. I. Mo. We. Fr. at 11.

This course treats chiefly of the psychology of consciousness and the questions involved therein. The instruction is principally by lectures, and the students are required to take notes; frequent oral reviews and class-room discussions alternate with the lectures. The topics specially studied are:—consciousness, its facts and conditions; mental energies and their classification; sense intuitions, their facts and the knowledge they afford; memory, imagination, and reasoning; mental intuitions, their nature, proofs, facts, and relative importance; mental growth and mental training, with applications to methods of education. A series of theses on these topics is required.

LOGIC—(Prescribed) Jun. II. Mo. We. Fr. at 11. Professor FORD.

This course aims to present the essential principles of reasoning, deductive and inductive, with its conditions and legitimate procedure. The purpose is to study the subject rather than any particular writer's treatment of it. Instruction is given by the use of a text-book and recitations thereon, with critical discussion of each topic treated, and by occasional lectures. The topics thus treated embrace, in deduction, terms, their kinds and their defects; propositions, their kinds, critical interpretation and transformations; and fallacies, their kinds and their analysis and detection: in induction, a critical study of the grounds of validity in inductive reasoning; then observation, experience and hypothesis are carefully studied; followed by a like study of the inductive methods, and of the fallacies incident to the inductive processes.

ETHICS.—(Prescribed) Sen. I. Tu. Th. Sat. at 9.

The subject is presented in a series of lectures, and collateral reading is indicated; students are required to take careful notes, and frequent examinations are given, oral and written. The subject is first presented as a moral science, its grounds and principles explained and vindicated, with some discussion of opposing theories. Practical ethics is then very fully treated, both comprehensively and in detail.

PEDAGOGY.

Professor FORD.

Beginning with the Fall Term, 1901, a course in pedagogy, open to Juniors and Seniors, will be given by Professor FORD. This course is designed for students who intend to make teaching a profession, and will be made to conform with the requirements of the Department of Public Instruction of the State of New York. Hours will be announced later.

GENERAL INFORMATION.

SITUATION.

The University is admirably situated in a region remarkable for healthfulness, with spacious grounds on a hill overlooking the pleasant and thriving village of Canton, the county seat of St. Lawrence county. With abundant facilities for recreation, the student is free from undue distraction in his work, and is prompted to industry by every legitimate incentive; and while no place is absolutely free from evil to such as persistently seek it, the temptations to vice and dissipation are here at a minimum, and are utterly discountenanced, not merely by the discipline of the institution, but also by the general sentiment of the students and of the neighborhood.

TERMS, VACATIONS, AND HOLIDAYS.

The First Term begins on next to the last Wednesday in September. At Thanksgiving is a recess extending until the following Monday. At the time of the Christmas Holidays is a recess beginning on the Friday preceding Christmas and ending two weeks from the following Monday. The First Term closes on the second Saturday in February; the Second Term begins on the following Monday. Beginning on the Wednesday preceding Easter is a recess of one week. Tree Holiday is the last Friday in April, and the recess includes the following day. Field Day is the last Friday in May, and the recess includes the following day. The recess of the Senior class begins on the fourth Saturday before Commencement, which is on the last Wednesday in June. The Second Term is followed by a vacation of twelve weeks. For dates for the current year see Calendar, page 3.

DISCIPLINE.

It is earnestly desired that undergraduates may be influenced to good conduct and diligence by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feelings natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the government to allow

in all things as much liberty as will not be abused, and the students are invited and expected to coöperate with the Faculty; but good order and discipline will be strictly maintained, and misconduct punished by adequate penalties. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are absolutely forbidden, and will be punished by expulsion in aggravated cases. Students are answerable for immoral conduct during vacation no less than in term time. Each student is expected to attend regularly the Sunday services of the church of his choice. Devotional exercises are conducted four times a week in the University Chapel, and all students are required to attend.

EXAMINATIONS.

The closing week of each term is devoted to examinations, chiefly written. Special examinations for the benefit of students having arrears or seeking advanced standing will be given at the same time, and also at the time for holding the examinations for entrance, but at no other time. Students desiring to avail themselves of such examinations must make application at least three days before the appointed time. No student is allowed to pursue courses more than one year in advance of any subject in which he is in arrears.

REPORTS.

Reports of the standing and conduct of each student are made to his parents or guardian at the end of each term; hence, if a student falls behind in his studies or becomes disorderly, it is quickly known by those most interested.

LIBRARY.

All students in good standing are entitled, without extra charge, to the privileges of Herring Library, which contains nearly eleven thousand volumes and several thousand pamphlets, comprising all classes of subjects and including many rare and valuable books. The library is open during the afternoon, Mondays, Tuesdays, Thursdays, and Fridays, throughout the college year. The pastors of all the churches in Canton, and all teachers in the Canton Union School, are entitled, *ex officio*, to its privileges; it is free, also, to alumni of the University resident in Canton. The public may use it under certain conditions. For information application should be made to the Librarian (see page 7). The library is contained in Herring Library Hall, a substantial fire-proof building with a capacity of 60,000 volumes, erected in 1871 by Silas C. Herring. Donations of books and money will be gratefully acknowledged.

SPECIAL LIBRARIES.

Two rooms in College Hall are devoted to the use of the library of the classical department, which contains about one thousand volumes, comprising editions of Greek and Latin authors and general works of reference required by classical students.

A special library is also furnished for the use of students in the literature courses (see page 37). There are also small special collections for the use of students in the courses in history and in the sciences.

READING ROOM.

A commodious and well furnished Reading Room, supported and controlled by the students, is open at all hours of the day. The leading American and English magazines and reviews, together with most of the popular scientific and secular periodicals and newspapers, are kept on file.

LABORATORIES AND COLLECTIONS.

A well equipped Laboratory, conveniently situated on the second floor of the main building, supplies facilities for effective practical work in chemistry. On the same floor is a laboratory equipped for practical work in physics (see page 41). On the third floor is the biological laboratory. There is a valuable collection of rocks and fossils, illustrating the various geological formations. The Chapin-Andrews Collection of Minerals, owned by the College, is valuable and unique, consisting of crystals and of cut and polished rocks and minerals.

GYMNASIUM.

The Gymnasium, erected in 1896, is a handsome and commodious building, eighty-two by forty feet, situated south of College Hall, and comprises a large gymnasium hall above, and ample dressing-rooms below, fitted with individual lockers. Pulley-weights, Indian clubs, dumb-bells, wands, rings, and horizontal and parallel bars, are the principal forms of apparatus used. A thorough physical examination of each student is made by the medical examiner, according to whose advice the gymnasium work is adapted to each case. All who pass a satisfactory examination are required to take systematic exercise three hours each week under the instruction of the director of the gymnasium. The objects of the course are to maintain health and strength and to secure perfect physical development. Separate gymnasium classes are formed for the young women of the College and the exercises are specially adapted to their strength and needs.

EXPENSES.

The annual tuition fee for each student is fifty dollars. No reduction is made for absence, except in case of prolonged sickness. The paper used for examinations and class-room exercises is furnished by the College, and for this a fee is charged of fifty cents for each student. A small fee is charged for the material used in laboratory work; also for the use of books in the English Literature courses. By authority of the Executive Committee, each student of the University is required to pay, on or before October 1st, each year, a fee of one dollar for the support of the Reading Room, unless excused therefrom by the President. A fee of \$4 per year is charged for the use of the Gymnasium.

Board, washing and furnished room included, can be had at prices ranging from \$3.00 to \$4.00 per week. Text-books may be obtained at the College Agency at reduced rates for cash.

All College bills are made out by the Treasurer; each bill contains one-half the annual charges. The first bill is due and payable on the first day of the College year; the second bill is payable on the opening day of the second term.

FREE SCHOLARSHIPS.

The following free scholarships have been established by various donors by gifts of one thousand dollars for each scholarship. The holders are nominated by the founders:

The TOWNSEND scholarship, founded in 1887 by the Universalist Society of Auburn.

Two MERRITT scholarships, founded in 1887 by Hon. Edwin A. Merritt, LL.D., President of the Corporation.

The RICHMOND FISK scholarship, founded in 1888 by the First Universalist Society of Watertown in honor of Rev. Richmond Fisk, D.D., formerly President of the College.

The FLOWER scholarship, founded in 1889 by Hon. Roswell P. Flower, LL.D.

The MARY ELIZABETH NEWCOMB scholarship, founded in 1889 by Mrs. Sophronia R. Haskell, of Hartford, Conn., in memory of her daughter, the late Mrs. Cyrenius A. Newcomb, of Detroit, Michigan.

The PAWTUCKET scholarship, founded in 1889 by the High Street Universalist Society of Pawtucket, Rhode Island.

The WHITE scholarship, founded in 1889 by Mrs. Armenia S. White, of Concord, New Hampshire.

The MOSES HENRY HARRIS scholarship, founded in 1889 by the First Universalist Church of Worcester, Mass., in honor of Rev. Moses Henry Harris, D. D.

The ABSALOM GRAVES GAINES scholarship, founded in 1890 by Rev. A. G. Gaines, D.D., LL.D., formerly President of the College.

The CHARLES KELSEY GAINES scholarship, founded in 1890 by Prof. C. K. Gaines, Ph.D.

The GEORGE ROBINSON scholarship, founded in 1890 by George Robinson, Esq., formerly Treasurer of the University.

The ELIZA M. WIGHT scholarship, founded in 1893 by John P. Wight, Esq., of Troy, in memory of his wife.

The HARRIET LEWIS scholarship, founded in 1893 by Mrs. Harriet Lewis, of Meriden, Connecticut, and endowed with a fund of \$4,000, the income of which is devoted to paying the tuition and necessary college expenses of the holder during his course.

The ALPHEUS BAKER HERVEY scholarship, founded in 1894 by Rev. A. B. Hervey, Ph.D., formerly President of the College.

The ROBERT DENNISON BIDDLE scholarship, founded in 1894 by John Biddle and Harriet Biddle, of New York City.

The LYMAN BICKFORD scholarship, founded in 1894 by Lyman Bickford, Esq., of Macedon, N. Y.

Five BORDWELL scholarships, founded in 1899 from a bequest of Mrs. Diadema Bordwell, of Watertown, to be awarded by preference to applicants from Jefferson county.

The JUSTIN MACKENZIE scholarship, founded in 1900 in memory of Justin Mackenzie, by his sons, Frank, of Woodstock, Vt., and Charles, of Franklin, Mass.

The WILLIAM A. VOGEL scholarship, founded in 1900 in memory of her husband by Mrs. Cornelia Vogel, of Brooklyn.

The WELCOME T. JARVIS scholarship, founded in 1900 in memory of her son by Mrs. Sarah A. Jarvis, of Brooklyn.

The WILLIAM D. FARIS scholarship, founded in 1900 by William D. Faris, of Brooklyn.

The ALVINZA HAYWARD scholarship, founded in 1900 by Alvinza Hayward, of San Francisco, Cal.

The EMERSON scholarship, founded in 1900 by Mrs. Louisa J. Emerson in memory of her husband, Rev. George N. Emerson, D. D.

The Trustees of the University have also established for the benefit of graduates of the Clinton Liberal Institute, at Fort Plain, four Classical and four Scientific Free Scholarships (one of each annually). The Board of Trustees of said Institute, to whom all applications should be made, has sole power to nominate candidates for these scholarships. The Board is restricted, however, to the nomination of such as are actually members of the said institution, and shall certify that in their opinion the candidate is worthy, and in need of such aid. All nominations are subject to approval by the Executive Committee of the Corporation.

All scholarships are granted under the following conditions:

1. They may be granted to students of either sex, and shall be held to cancel all claims for tuition; but they shall be granted only to those to whom such pecuniary assistance is necessary.

2. The candidate for a scholarship shall declare his purpose to pursue a full course of four years in the College. In case any student shall, for any reason, abandon the course without completing it, unless excused by the President, he shall pay tuition in full for all the time he has attended College under such scholarship.

3. The candidate shall present to the President evidence of good moral character, shall be pledged to diligence, morality, orderly behavior, and strict obedience to the rules of the College, and shall be not less than fifteen years old.

4. Disorderly behavior, willful violation of the rules of the College, the use of intoxicating liquors as a beverage, or any course of conduct unbecoming to a young man or a young woman as a member of the University, shall be deemed by the President a sufficient reason to cancel said scholarship. In case any student holding one of these scholarships shall fail to maintain the standing requisite for continuance in the University, or from sickness, or any other cause, is absent for two successive terms from the regular exercises of his class, the scholarship may be declared vacant by the President.

5. The candidate, upon receiving a nomination for a free scholarship, shall be required to pass, *without conditions*, an examination upon those branches required for entrance, before becoming entitled to its provisions. Certain services, such as acting as monitor, may be required of the holders of these scholarships.

In addition to the above regularly established scholarships, pecuniary relief is sometimes granted to worthy applicants in cases of real need. A full statement of the facts is required, with evidence. Application should be made to the President.

FINAL HONORS.

Honors are conferred at graduation for excellence in scholarship. The names of students who attain superior rank in the work of one or more departments are printed in honor lists on the Commencement programme, and in the next annual catalogue. Honors may be obtained in the following departments: GREEK, LATIN, FRENCH, GERMAN, ENGLISH, MATHEMATICS, PHYSICS AND CHEMISTRY, NATURAL SCIENCE, POLITICAL SCIENCE AND HISTORY, AND PHILOSOPHY.

Candidacy for Honors is determined on the basis of grades, and the unit of reckoning is the term-hour, i. e., work involving one hour per week of class-room attendance for a term. Students who attain grade 100 in work amounting to six term-hours, and grade 90 in ten additional term-hours in any department, are eligible for Highest Honors in that department. Students who receive grade 90 in ten term-hours of work in any department are eligible for Honors in that department. Every candidate for honors is required to pass with distinction a special honor examination in the work of the department in which he is a candidate for honors and also to pass with credit a thorough examination on a special

topic connected with the line of study in which he is a candidate for honors, but not included in his regular work, or to write a thesis, or to perform such other practical work as the professor in charge may direct, to demonstrate his proficiency and fitness for independent study. The performance of such work must extend over at least one term under the guidance and supervision of the head of the department, and the results attained must give evidence of careful and critical study. Candidates for honors must indicate the departments in which they seek honors prior to March 1st of their Senior year; but it is desirable that honor work be begun much earlier in the year. Honor examinations are held during the last week in May, and all other honor work must be completed before that time. Final honors are awarded by the Faculty at discretion upon evidence of superior qualifications demonstrated in the manner stated.

Recipients of Honors or Highest Honors who attain an average grade of at least 85, will receive a degree with distinction under the following conditions. Those who obtain Highest Honors in one department, or Honors in two departments, will graduate with the distinction *cum laude*. Those who receive Highest Honors in two departments, or Highest Honors in one department and Honors in two other departments, will be given the distinction *magna cum laude*. In rare cases students who attain this distinction and who show in their work an unusual degree of aptitude, thoroughness and originality, may be graduated *summa cum laude*, at the discretion of the Faculty.

DEGREES.

The requirement for graduation is the completion of a four years' college course, with a satisfactory grade in all the prescribed studies and in the required number of term-hours of elective work, and the presentation of a thesis.

The degree of Bachelor of Arts will be conferred upon any candidate who, having satisfied the requirements for admission, has completed Group A, Group B or Group C. (See pages 20, 21, 22).

The degree of Bachelor of Science will be conferred upon any candidate who, having satisfied the requirement for admission, has completed the course laid down for that degree. (See page 23).

Bachelors of Arts of three years standing may take the degree of *Master of Arts*, *Bachelors of Science* of three years standing may take the degree of *Master of Science*, and *Bachelors of Philosophy* of three years standing may take the degree of *Master of Philosophy*, for literary or scientific work evidenced to the satisfaction of the Faculty by thorough examinations or by published writings of acknowledged merit. It is designed that these degrees shall represent real and solid attainments in

scholarship, and the Faculty, whenever it is deemed advisable, will call to their assistance persons of recognized proficiency in the particular subjects involved. In all cases a thesis will be required, on a topic approved by the Faculty.

COURSES LEADING TO THE SECOND DEGREE.

The following courses of study are recommended as adequate for the second degree. Candidates are not, however, limited to the precise courses specified; for any part of these a *sound equivalent*, to be judged by the Faculty, may be offered.

LATIN.

1. Roman Elegy. Selections from Catullus, Tibullus, Propertius, and Ovid, with the corresponding chapters in Sellar's Roman Poets.
2. Tacitus, *Annals*, Bks. I-VI (Ed. Furneaux); Selections from Suetonius; Merivale's *History of the Romans under the Empire*, with careful study of the character of Tiberius and the political institutions of the Early Empire.
3. One hundred and fifty pages of Cicero's philosophical works; Mayor's *History of Ancient Philosophy*; Zeller's *Stoics, Epicureans and Sceptics*.
4. The *Captivi* and *Trinummus* of Plautus, and the *Phormio* and *Heautontimoroumenos* of Terence; Platner's *Greek and Roman Versification*, with careful study of the metres of the plays read.
5. Egbert's *Introduction to the Study of Latin Inscriptions*.

An original thesis in Latin on some topic in connection with the line of study chosen is required.

GREEK.

Any one of the courses below indicated may be elected, or portions of several may be combined under the advice of the professor in charge.

1. The *Iliad* and the *Odyssey* entire, with Comparative Mythology and Antiquities, and careful study of the Homeric question.
2. Fifteen tragedies, from Aeschylus, Sophocles, and Euripides, with Schmidt's *Rhythmic and Metric*, and Haigh's *Attic Theatre*.
3. An equivalent amount from the Lyric, Didactic, Comic, and Bucolic Poets.
4. One thousand pages (standard, of at least 300 words each) of Plato, with a thorough study of his Philosophy and that of Socrates.
5. An equivalent amount from the Attic Orators, with the history of the period involved.
6. Thucydides entire, with Grote and Curtius on the Peloponnesian War.

MODERN LITERATURE.

Advanced work in modern languages, especially French and German, may be offered for the second degree, but a high degree of proficiency will be required, and a thorough acquaintance with the best literature of the language elected.

ENGLISH LITERATURE.

Green's *Short History of the English People*; Taine's *History of English Literature*; Arnold's *Manual of English Literature*; Hunt's or Minto's *English Prose*; Stedman's *The Nature of Poetry*, Victorian Poets, and Poets of America; Lanier's *Science of English Verse*; and a critical reading of the following: Ward's *English Poets* entire, or a total of about 3,000 pages (at least 30 lines to the page) from not less than ten standard English poets; and 1,500 average pages from not less than five standard American poets; thirty standard plays, at least twenty of which shall be from Shakspeare; Bacon's *Essays*, and an equal amount (i. e., about 200 pages each—a page to contain at least 300 words) from the works

of Addison, Burke, Macaulay, Emerson, Lowell, Matthew Arnold, and five other standard prose writers (not novelists); and fifteen standard novels by authors not now living.

For any part of this course a *sound equivalent*, to be judged by the Faculty, may be substituted; but prose fiction to a greater extent than above stated will not be admitted. To avoid inconvenience in certain cases (especially where works are specified or elected from which selections have previously been read) work done in the undergraduate courses may be counted for the second degree to an amount not exceeding ten per cent of the total requirement. Brief critical abstracts should be made of each work as it is read, and an accurate certified list of all works offered in discharge of the course, as above outlined, must be submitted at least ten days before the time set for examination,—in conducting which due regard will be had for the fact that the reading has extended over a series of years and covers a wide field. But thoroughness and good critical appreciation will be required, and the thesis (which should not be on too broad a theme) must evince mastery of the subject treated.

PHILOSOPHY.

Mill's System of Logic; Hamilton's or Bowen's Logic; Fowler's Inductive Logic; Ueberweg's History of Philosophy; Hamilton's Metaphysics; Bowen's Modern Philosophy. Plato's Dialogues (Jowett's translation is recommended) should be used for consultation and reference.

Jouffroy's Introduction to Ethics; Sidgwick's Methods of Ethics.

POLITICAL SCIENCE.

Smith's Wealth of Nations; Mill's Political Economy; F. A. Walker's The Wages Question; Bowen's or Cary's Political Economy; Roscher-Lalor's Political Economy; Cossa's or Blanqui's History of Political Economy.

Amos's Science of Law; Woolsey's Political Science; Lieber's Political Ethics.

This course may be combined with the preceding, if desired, under advice of the Faculty.

MATHEMATICS AND ASTRONOMY.

Solid Analytic Geometry,—C. Smith; Differential Equations,—Johnson, Forsyth; Modern Algebra,—Salmon; Higher Plane Curves,—Salmon. Theoretical Astronomy,—Watson, Chauvenet. Careful reading of papers published by societies devoted to Astronomy.

PHYSICS.

General Physics,—Deschanel, Ganot, or Daniel; Electricity and Magnetism,—Maxwell or Gordon; Modern Applications of Electricity,—Hospitalier; Heat,—Maxwell.

CHEMISTRY.

Roscoe's and Schorlemmer's Treatise on Inorganic Chemistry; Qualitative Analysis,—Prescott and Johnson, or Fresenius; Quantitative Analysis,—Fresenius.

NATURAL HISTORY.

1. Zoology: Claus and Sedgwick's Text-Book; Brooks's Hand-Book of Invertebrate Zoology; Parker's Zootomy; Works of Darwin and Spencer.

2. Botany: Sachs's Text-Book; Goodale's Physiological Botany; Arthur, Barnes, and Coulter's Plant Dissection; Gray's Manual.

3. Geology: Lyell, Geikie, Dana, LeConte. Mineralogy: Dana. Collections and Classifications.

HISTORY.

Any one of the following courses may be elected.

1. Mediæval History.

Emerton's Introduction to the Study of the Middle Ages and Emerton's Mediæval Europe (these as a ground-work of study); Bryce's Holy Roman Empire; G. W. Cox's Crusades (Epoch Series); Oman's Europe 476-918; Kitchin's History of France, Vol. I, in topical study; Milman's Latin Christianity, Vols. III to VII, inclusive, as to Papacy; Giesebrecht's Die Deutsche Kaiserzeit, for topics concerning the Empire to death of Barbarossa (5 vols.); Waitz's Deutsche Verfassungsgeschichte, Vols. V to VIII inclusive, or Rambaud's Histoire de la Civilization Francaise, 2 vols., for topics concerning the history of institutions.

2. English History.

Green's Larger History as a preliminary; Freeman's Norman Conquest; Gairdner's Houses of Lancaster and York, Creighton's Age of Elizabeth, Gardiner's Puritan Revolution, and McCarthy's Epoch of Reform, all from the "Epoch Series". For topical reading; as to development of institutions, Stubbs's Constitutional History, also the works of Gneist, Hallam, and May; as to special periods, the works of Ranke, Gardiner, Macaulay, Froude, Stanhope, and others.

3. Modern European History.

Ranke's History of Germany in the Period of the Reformation, and History of France in the Sixteenth and Seventeenth Centuries; Fyffe's History of Modern Europe; Morse Stephens' Europe from 1789 to 1815; from the "Epoch Series", Seeborn's Era of the Protestant Revolution, Creighton's Age of Elizabeth, Gardiner's Thirty Years' War, Morris's Age of Anne, and Longman's Frederick the Great and the Seven Years' War. For special topics, other reading offered to suit the individual case. Ability to use French and German books is necessary.

4. American History.

Lodge's History of English Colonies in America, Frothingham's Rise of the Republic, and Epochs of American History (A. B. Hart, Editor—3 vols.) as basis; from the "American Statesmen" series, Lodge's Washington, Morse's Jefferson; Schurz's Clay, Von Holst's Calhoun, Sumner's Jackson, and Morse's Lincoln; Rhodes' History of the United States from the Compromise of 1850, Vols. I and II. As to special topics, Bancroft's, Von Holst's, Schouler's, McMaster's, Henry Adams', and Winsor's Histories as required.

Only those who are graduates of this College are admitted as candidates for the Master's degree.

Resident graduates who have completed an adequate course of study may be admitted to an examination for a second degree before the expiration of three years, if the Faculty deem it advisable.

Notice of application for examination must be given to the President at least two months before Commencement. The fee for the diploma of the second degree is ten dollars, with the necessary expenses of examination, to be paid to the Treasurer by the first day of June next preceding the annual meeting of the Board of Trustees at which action is to be taken.

THE THEOLOGICAL SCHOOL

THE CANTON THEOLOGICAL SCHOOL.

The Seminary, now in its forty-third year, was formally opened in April, 1858. The late Ebenezer Fisher, D.D., was President from the opening until his death in 1879. He was succeeded by Rev. I. M. Atwood, D. D., who remained in office until his retirement during the past year to accept the position of General Superintendent of the Universalist Church. In the interval of forty-three years over 370 students have been received and over 330 have been sent out into the Ministry of the Universalist Church. The Seminary has been open from the beginning to men and women on the same terms and twenty-nine women have been enrolled in its classes.

The Seminary was founded by the Universalist Church for the education of its ministry. This fact is never lost sight of. The aim is to send out into the ministry of the Church persons not only qualified to teach and to preach, but alive with interest in the great and advancing principles of Universalism, and loyally devoted to the welfare of the organization to which the maintenance of these principles is committed.

The Canton Theological School is an independent department of the St. Lawrence University, occupying in common with the College of Letters and Science the grounds, Library and Gymnasium, but having its own building and its separate faculty, funds and government. Students in the Theological School are eligible to instruction in the College classes, as are also College students to the classes of the Theological School.

FACULTY OF THE THEOLOGICAL SCHOOL.

REV. ALMON GUNNISON, D.D.,

President, and Dockstader Professor of Theology and Ethics.

REV. JOHN STEBBINS LEE, D.D.,

A. C. Moore Professor of Ecclesiastical History and Archæology.

REV. HENRY PRENTISS FORBES, D.D.,

Dean and Craig Professor of Biblical Languages and Literature.

REV. LEWIS BEALS FISHER,

Ryder Professor of Pastoral Theology and Sociology.

REV. ORELLO CONE, D.D.,

Richardson Professor of Biblical Theology.

REV. I. M. ATWOOD, D.D.,

Non Resident Lecturer on Pastoral Relations for 1901.

REV. A. B. HERVEY, PH.D.,

Non Resident Lecturer on Preaching for 1901.

STUDENTS.

GRADUATES, JUNE, 1900.

Ina May Bridgeman,	Hardwick, Vt.
Benjamin Franklin Butler,	Potsdam
Ida Estelle Estes,	Hardwick, Vt.
Lewis Henry Robinson,	Nicholville
Edward Butler Saunders,	Chicago, Ills.

DEGREES CONFERRED JUNE 27, 1900.

BACHELOR OF DIVINITY IN COURSE.

Flora Bronis,
Harry Westbrook Reed.

GRADUATE STUDENTS.

CANDIDATES FOR DEGREE OF B. D.

NON-RESIDENT.

Rev. Clara Elizabeth Morgan,	Nunda
Rev. George Cross Baner,	Geneva
Rev. Charles E. Lund,	Orono, Me.

RESIDENT.

Ina May Bridgeman,	Canton
Ida Estelle Estes,	Canton
Edward Butler Saunders,	Winthrop
Grant Van Blarcom,	Natural Bridge

SENIOR CLASS.

Orin Edson Crooker,	Ann Arbor, Mich.
Rufus Hopkins Dix,	Ashland, Mass.
Don Marshall Flower,	Hartland, Vt.
John Smith Lowe,	Dexter
Herbert Lester Rickard,	Fort Plain

MIDDLE CLASS.

Norris Cupper Dickey,	Philadelphia, Pa.
Thomas Jefferson Farmer, Jr.,	Fort Plain
Bernard Clinton Ruggles,	Santa Paula, Cal.

JUNIOR CLASS.

Adelbert Edwin Allison,	Dexter
Walter John Coates,	Dexter
Lena Lola Dunlap,	Fitchburg, Mass.
James Howard Flower,	Hartland, Vt.
Robert DeEsteen VanTassel,	Edwardsville

DEPARTMENTS OF STUDY.

The principle of equivalence now advocated and very generally adopted in colleges has an important bearing on the rank and value of courses of study in the technical schools. That principle is, that a course of instruction is to be estimated, not by the fidelity with which it follows the traditional lists of topics, but by the *equivalent value* of the studies pursued as means of intellectual development and discipline and as sources of knowledge. On that principle, logically applied, it may well be considered whether the regular and full course of study required in the Seminary does not entitle its graduates to the degrees, or to equivalent degrees, earned by graduates of colleges.

While nearly everything that concerns an education is taught in the Seminary, from English Orthography to Hebrew Syntax, there are nine principal Departments of study: Ethics, History, Sociology, Criticism and Interpretation, Comparative Religions, Theology, Church Administration, Homiletics, and Apologetics.

I ETHICS.

The aim in this study is to master the true theory of the moral powers and the principles and limitations of their action. To this end the subject is first taken up as a science, and afterwards considered in its application to practical life.

II. HISTORY.

General History is pursued until the student acquires a knowledge of its relations to Church History, to ancient Sacred History, to the History of Dogma and of the modern sects. To this study succeeds as much special work in the departments related to religion as time can be found for.

III. THEOLOGY.

Old and New Testament Theology, Dogmatic Theology, Denominational Theology, and Systematic Theology receive each in turn the attention of the student. The purpose is not so much to ground him in a special belief as to give him the knowledge which should underlie rational faith.

IV. COMPARATIVE RELIGIONS.

Much attention has always been given in this School to the subject of Comparative Religions. Great progress has been made in recent years both in the knowledge of the religions with which Christianity must be

compared and in the production of facilities for the study. This Seminary avails itself of the latest and best helps in this Department.

V. HOMILETICS.

The science and art of preaching are taught here theoretically and practically. It is believed that in no similar institution does the student obtain more intelligent guidance or acquire more practice in the business of making and delivering sermons. Beginning with the second year the composition and delivery of sermons, with criticism, continues through the course.

VI. APOLOGETICS.

The new method of dealing with the subject of the Evidences which has come into so great favor in Germany, Scotland and England, and of which the works of Kaftan, Bruce and Macgregor are so persuasive examples, has been adopted in this Seminary. At the same time the external historical evidences, direct and indirect, are not neglected.

VII. CHURCH ADMINISTRATION.

Pastoral Theology is the name given to one chair in the Canton School; but the large subject of the care and administration of churches; including the questions of revenue, church extension, the institutional church, denominationalism, pastoral duties and relations, with many more subjects of moment to the great business of religion, is given close and continuous attention.

VIII. PSYCHOLOGY.

The "Old" and the "New" Psychology are expounded to the student, but neither is taught as authoritative and final. A substance of teaching which may be said to be derived in part from each, and to differ in important respects from both, finds favor with teacher and pupils.

IX. INTERPRETATION AND CRITICISM.

The Sacred Scriptures of the Old and New Testaments are given continuous attention. While nothing belonging to present knowledge of the Scriptures is overlooked, and the point of view is that of scientific interpretation as distinguished from literalism and dogmatism, a spirit of reverence and well-grounded faith presides over the various critical and interesting inquiries that arise in this study.

INSTRUCTION IN GERMAN.

Dr. Forbes, an interested student of German Theology, has classes in German throughout the course. An unusually favorable opportunity is thus offered to students to take up the study of German and to become acquainted with "German Theology" by access to its original sources.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM—

Rhetoric—Genung's Manual; Prof. A. S. Hill's Foundations of Rhetoric; Exercises. Prof. CONE.

Logic—Jevon's Lessons, with Lectures. Prof. FORBES.

Greek—Harper's N. T. Method. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Biblical Geography and Antiquities—Hurlbut's Manual, Lectures on Biblical Archaeology. Prof. LEE.

Principles of Evolution—Evolution and Religious Thought. Prof. FISHER.

SECOND TERM—

Rhetoric—Genung's Manual; The Art of Discourse; Themes. Prof. CONE.

Ethics—Muirhead's Elements of Ethics; Hyde's Practical Ethics; Martineau's Types of Ethical Theory; Lectures. Prof. CONE.

Archæology—Lectures. Prof. LEE.

Ecclesiastical History—Fisher, with Schaff as reference. Prof. FORBES.

Greek—Gospel of John; New Testament Text, and Manuscripts. Prof. FISHER.

Hebrew—Harper's Manual and Grammar. Prof. FORBES.

Evolution—Fiske's Principles of Evolution. Prof. FISHER.

SECOND YEAR.

FIRST TERM—

Sacred Rhetoric—Homiletics; Phelps's Theory of Preaching; Pattison's Making of the Sermon. Drill in planning sermons. Prof. FISHER.

Ecclesiastical History—Fisher's Reformation. Prof. FORBES.

Greek Testament—Selections from the Gospels, with Harper's Grammar. Prof. CONE.

Pastoral Theology—Lectures on the Care and Administration of the Church. Prof. FISHER.

Hebrew—Gesenius's Grammar and Exercises; Selections from the Historical Books. Prof. FORBES.

SECOND TERM—

Psychology—Dewey's Third Edition—Baldwin—Sully—Lectures. Prof. FORBES.

Homiletics—Studies of History of English and American Pulpits; Analysis of Sermons of Eminent Preachers. Prof. FISHER.

History of Doctrines—Lectures on the History of Retribution, with Ballou's Ancient History of Universalism and Beecher's History of Retribution. Prof. LEE.

Universalism—Lectures on Modern History. Pres. GUNNISON.

Exegesis—Critical Study of the Greek of the New Testament and Interpretation. Prof. CONE.

Greek—Pauline Epistles. Hermeneutics—Immer. Prof. Cone.

Hebrew—Selections from the Old Testament. Prof. FORBES.

THIRD YEAR.

FIRST TERM—

Homiletics—Study and Criticism of Sermons. Prof. FISHER.

Theology—The Latest Word of Universalism, with Lectures. Prof.

FORBES

Apologetics—Bruce; Martineau's Study of Religion. Prof. FORBES.

Comparative Religion—Menzie's History of Religions—Toy—with Lectures. Prof. FISHER.

Greek Testament—Critical Readings and Exposition. Prof. CONE.

Old Testament—Origin of Books, History of Canon, Prophecy; Driver's Introduction to the O. T. Prof. FORBES.

SECOND TERM—

Universalist Church—Policy; Methods; Manual. Pres. GUNNISON.

Emotional Religion and the Inner Life—Lectures on The Doctrine of Prayer. Prof. LEE.

Evidences—Bruce's Apologetics; Martineau's Study of Religion. Prof. FORBES.

New Testament—McGiffert's Apostolic Age; Cone's Gospel Criticism; History of Text; of Canon. Prof. CONE.

Hebrew—Readings from the Psalms and the Prophets. Prof. FORBES.

Sociology—Social Economics and Social Problems; Economics and Applied Christianity—Giddings, Small, Vincent. Prof. FISHER.

FOURTH YEAR.

Theology—Fairbairn's—The Place of Christ in Modern Theology. Prof. FORBES.

Natural Theology—Valentine. Bascom. Prof. FORBES.

Hebrew—Critical Study of the Hexateuch. Prof. FORBES.

Exegesis—Critical Reading of the New Testament. Prof. CONE.

Theology of the New Testament—Cone's The Gospel and its Earliest Interpretations; Reuss, or Weiss, with Lectures. Prof. CONE.

Life of Christ—Geikie—Edersheim. Prof. LEE.

Theological Encyclopædia. Prof. FORBES.

Preaching—Composition and Criticism of Sermons. Prof. FISHER.

Ecclesiastical History—Uhlhorn's Christianity and Paganism. Continuity of Christian Thought. Prof. LEE.

Comparative Religion—Tiele's Elements of the Science of Religion. Prof. FISHER.

Sociology—Lectures; Outlines; Ward; Fairbanks; Nash. Prof. FISHER.

Theology—Systematic or Historical Theology in the German Originals. Prof. FORBES.

Theology—History of N. T. Times, and Study of O. T. Apocrypha. Prof. FORBES.

NOTE.—Text-books are often changed, and the above only indicate the kind of literature preferred by the Faculty.

INFORMATION.

TERMS AND VACATIONS.

The School Year will begin on the same day as the First Term as the College of Letters and Science, and the Christmas and Easter recess will also be the same. Commencement is the last Tuesday in June—this year June 27,

CONDITIONS OF ADMISSION.

The students particularly desired are those who give promise of usefulness in the ministry of the Universalist Church. The best preliminary preparation is a classical course in college. Students whose opportunities have not admitted of such preparation are received if they possess a High School or equivalent education in English. Sound moral principle and approved Christian standing are indispensable.

Applicants for admission must bring satisfactory testimonials as to their moral and religious character; if they are members of any church—which it is very desirable they should be—they should bring certificates to that effect.

EXPENSES.

No charge is made for tuition, or for the use of the library.

Board may also be obtained in private families at \$3.50.

The necessary expenditure for each student is, at the maximum, about \$180 a year, of which \$122.50 is for board.

The General Convention grants aid by means of scholarships to students desiring to avail themselves of them; when recommended by the Faculty. They can add to their resources by preaching during vacation, or at other times, when deemed advisable by the Faculty.

LIBRARIES,

The Herring Library was founded by the munificence of the late Silas C. Herring, of New York. It contains a valuable and well selected collection of about 12,000 volumes. Among its contents are the libraries of the late

Rev. Samuel C. Loveland and of the late Prof. Dr. K. A. Credner, of the University of Giessen. The latter is especially rich in the departments of Biblical Criticism and Ecclesiastical History, and contains a large amount of rare and valuable literature of the early decades of the sixteenth century; works of Zwingli, Luther, Erasmus, Melancthon, Reuchlin, Bugenhagen, and other noted writers of the era of the German Reformation. Many of these books are exquisitely bound.

The library is being enlarged gradually by means of a fund donated for the purpose, and by contributions from friends. It is hoped that the present collection may be only a nucleus of large accessions in the future.

Valuable private libraries are also accessible to students of the school.

THE REFERENCE LIBRARY.

The utility of a collection of books, under the same roof with the class-rooms, for consultation in daily work, had so often impressed itself upon the Professors that the President in 1892 laid the foundation for a Reference Library by the purchase of about 100 volumes. This collection has been increased gradually by gift and purchase; and now by the generosity of a friend of the School, Mr. Lyman Bickford, of Macedon, N. Y., a fund of \$1,000 has been secured, from the income of which substantial and valuable additions are made from time to time.

FISHER MEMORIAL HALL.

The Theological School owns and occupies Fisher Memorial Hall, which was erected for its special and exclusive use in 1883. The building contains, besides class-rooms, office and Reading Room, a large and beautiful Chapel, designed as a memorial of the first President, the late Ebenezer Fisher, D. D., which is now used for religious purposes by both departments of the University.

READING ROOM.

The Theological School has established a Reading Room in its own building. An annual fee of \$1 from each student is required by the Board of Trustees, for its support, and as the condition of enjoying all its privileges. In addition to various secular publications, the Reading Room keeps on file the following denominational and religious publications:

The Universalist-Leader, Independent, Universalist Herald, Christian Register, Outlook, Advance, Sunday School Helper, Homiletic Review, Literary Digest, Christian Literature, The Sunday School Times, The New World, Am. Journal of Theology, Bibliotheca Sacra, Expositor.

DIPLOMAS AND DEGREES.

The regular course of instruction extends through three years. Those only will be considered graduates of the School and entitled to its diploma, who shall have completed the three years' course of study herein laid down. Those who desire may, pursue a partial course, and will be entitled to a certificate stating the extent of the same; but the completion of the full course is desired by the Faculty, and will, so far as possible, be secured.

A Post Graduate Course has been established, to be completed by graduates in one year. The degree of *Bachelor of Divinity* is conferred on those completing this course. The Faculty offer in the Fourth Year work twelve elective courses, six of which must be chosen and completed by the candidate, who may reside elsewhere during his studies, but must return to the University for final examinations. Students of the Middle and Senior classes may prosecute the studies of the Fourth Year, but only on condition that they shall have attained in the regular work of the preceeding year an average grade of eighty per cent.

SCHOLARSHIPS AND FUNDS.

In addition to the Scholarships given by the General Convention to Theological Students, on terms and conditions prescribed by the Board, the Seminary holds "The Lester Taylor Fund" and "The Sarah A. Gage Fund," the income of which it is authorized to use for "the support and education" of students for the Universalist Ministry attending this School and complying with the conditions of the benefaction. From these sources resident students are supplied with text-books as a gratuity.

GENERAL EXERCISES.

After the study of Homiletics is commenced in the second year, sermons are preached and criticised on Wednesday of each week during the remainder of the course.

A critical and exegetical study of the Greek Testament is pursued during the Second and Third years, under the direction of the Professors of Biblical Languages.

Conference meetings, conducted in succession by the Professors and by the Students of the different classes, are held every Thursday evening in the Chapel.

Examinations, either oral or written, are a regular order at the close of each term.

MISCELLANEOUS.

As a general answer to many inquiries it may be stated here that, (1) The Canton Theological School is located at the county seat of St. Lawrence county, in Northern New York, on the Rome, Watertown & Ogdensburg R. R.; (2) That the University buildings are within the corporation, near the railway station, and conveniently situated for those who desire to board in the village; (3) That one of the oldest and best Universalist parishes in the State is here, while the Universalist element is strong in the whole region; (4) That the opportunities for undistracted study are equal to the best; and that in the item of expense, a student could scarcely expect to be more favorably conditioned. It may be further stated that Canton has the reputation of being one of the healthiest places in the country—a reputation which it has amply sustained in the experience of over thirty classes of students. The latest report of the Bureau of Vital Statistics places Canton next to the most healthful locality in the State.

Theological Students are eligible to the privilege of instruction in any of the regular classes or courses in the College. But they are required to obtain permission from the Faculty to enter on any such study, and are not allowed to pursue it to such extent as will interfere with work in their own department.

GENERAL SUMMARY.

Trustees,	25
FACULTY.	
College of Letters and Science,	10
Theological School,	5
Lecturers and other officers,	7
STUDENTS.	
College of Letters and Science,—	
Graduate Students,	7
Senior Class,	26
Junior Class,	18
Sophomore Class,	23
Freshman Class,	41
Special Students,	5—120
Theological School,—	
Graduate Students,	
Non-Resident,	3
Resident,	4
Senior Class,	5
Middle Class,	3
Junior Class,	5—20
	140
Names entered twice,	2
Total,	138

ACKNOWLEDGMENTS.

The University hereby makes grateful acknowledgment of the receipt of the following gifts. Pledges made during the past year, to be paid hereafter, will be duly acknowledged in the next issue of the Catalogue:

For the College of Letters and Science: From the estate of Ephraim Howe, to found the Howe Scholarship, \$1,000; from Alvinza Hayward, to found the Hayward Scholarship, \$1,000; from Mrs. Cornelia Vogel, to found the William A. Vogel Scholarship, \$1,000; from William D. Faris, to found the Faris Scholarship, \$1,000; from Frank S. and Charles Mackenzie, to found the Justin Mackenzie Scholarship, \$1,000; from Mrs. Sarah A. Jarvis, to found the Welcome T. Jarvis Scholarship, \$1,000; from Mrs. Louisa J. Emerson, to found the Emerson Scholarship, \$1,000.

For the Woman's Professorship: From the children of Mrs. Harriet Lewis, \$10,000; from Dr. Annette J. Shaw, \$56; from Mrs. Anna F. Abbott, \$25; from Mrs. Martha Mills, \$2.

For the J. H. Chapin Professorship: From Mrs. J. H. Chapin, \$2,713.05.

For Equipment: From Hon. Charles H. Russell, \$75; from Charles S. Brewer, \$50; from Leon Hoage, \$25; from the New York and Brooklyn Alumni, \$123; from New Haven Clock Co., \$30; from American Bible Society, \$10; from C. F. Cook, \$15.

For Herring Library: From the children of Rev. Royal H. Pullman, D.D., 426 vols.

For the Theological Reference Library: From Rev. J. S. Lee, D.D., 76 vols.

FORMS OF BEQUESTS.

I. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the COLLEGE OF LETTERS AND SCIENCE of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said COLLEGE OF LETTERS AND SCIENCE.

II. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars, for the use of the LIBRARY of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be expended for any purpose, and that the net interest or income therefrom shall be used for the maintenance and increase of said LIBRARY.

III. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of _____ Dollars for the use of the THEOLOGICAL SCHOOL of said University. This sum is to form a fund to be called the _____ FUND, and is given upon the condition that the principal shall never be used or expended for any purpose, and that the net interest or income therefrom shall be applied to the use of said THEOLOGICAL SCHOOL.

IV. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of One Thousand Dollars, for the foundation of a perpetual Scholarship in said University, to be called the SCHOLARSHIP, on condition that the same shall be securely invested, and the principal never expended, and that the net income therefrom shall be devoted to the payment of the term-bills of the incumbent of said Scholarship.

V. I hereby give and bequeath to THE ST. LAWRENCE UNIVERSITY, at Canton, N. Y., the sum of Thirty Thousand Dollars, for the endowment of a Professorship in said University, to be called the PROFESSORSHIP, on condition that said money shall be securely invested, and that the principal shall never be used or diminished, and that the net income therefrom shall be devoted to the payment of the salary of the incumbent of said Professorship.

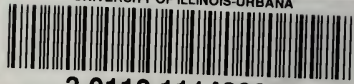
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